

SPRAYER PARTS CATALOGUE

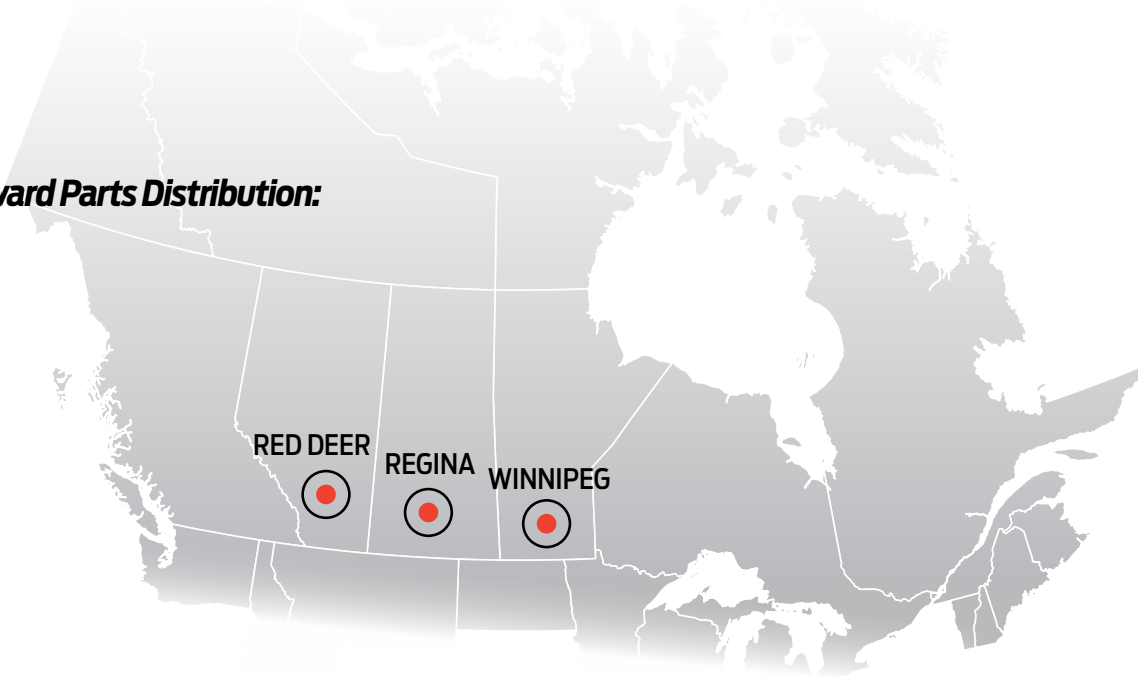


Westward has the part!

Westward has the part!

Westward has the part! That's our commitment to you, and that's what sets us apart. Westward Parts has over 48 years of expertise with all makes of agricultural parts, sprayer parts, sprayers, as well as ground maintenance and estate equipment. Our Canadian dealers are served from three different warehouse locations across the country. Westward Parts offers our dealers the most comprehensive product portfolio and exclusive product offerings. And it will all be delivered on time, with an enjoyable customer service experience that won't let you down.

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COOLING



COOLING HARD HAT PADS

- Evaporative cooling material provides hours of heat stress relief
- Fits on the suspension of a hard hat with hook and loop closures
- To activate, soak in cool water for 2-5 minutes
- Reusable – just reactivate
- One size fits all

No.	Description
SPP8192	Cooling pad
SPP8193	Cooling pad & Lime Green neck shade
SPP8194	Cooling pad & Orange neck shade



COOLING TOWELS

- Evaporative advanced PVA material holds water without feeling heavy
- Anti-microbial treated to help prevent mold build-up and unwanted odors
- To activate, simply soak in cool water
- Reusable – just reactivate
- Machine washable

No.	Description
SPP8190	Towel in canister (26" x 17")
SPP8191	Towel wrap in bag (26" x 8.5")



SKULL CAP LINER

- Made from moisture wicking soft fabric
- Traps sweat, keeping it out of your eyes
- Fits under hard hats
- One size fits most
- Material rated UPF 45

Part No. SPP8195



Part No. SPPCBDBLUE



Part No. SPPCBDCAMO



Part No. SPPCBDRED

COOLING BANDANAS

HARD HATS & ACCESSORIES



HP44130 S1010 HHABCMR HGBR HGBR & S1010

HP44130

- ABS material - Strong, & ultra-light
- Low profile design
- Rear padded suspension
- 4-position harness points
- Replaceable sweat band
- Vented pressure pad
- Triangle knob adjusts the suspension from 6½" to 8" hat sizes

No.	Description
SPPHP44110	White ridgeline cap style
SPPHP44130	Yellow ridgeline cap style
SPPHHABCMR	Adapter for face shield
SPPS1010	Polyethylene face shield
SPPHGBR	Ridgeline ratchet headgear

RESPIRATORS



No.	Description
SPP8160	Double tie respirator
SPP8160-V	Double tie w/ vent

EAR PLUGS



No.	Description
SPPBP1000	Round banded
SPPBP2000	Conical banded
SPPDP1000	Uncorded disposable (200)
SPPDP1001	Corded disposable (100)
SPPDP2001	Corded reusable (100)

VENTURE 2

- Temples adjust to four different lengths.
- Nose buds secure the glass and prevent slipping.
- 9.75 base curved lens provides full side protection without distracting seams or traditional type side shields.
- Scratch resistant polycarbonate lens provides 99% UVA/B/C protection.



No.	Lens
SPPSB1810ST	Clear Anti-Fog
SPPSB1820ST	Gray Anti-Fog
SPPSB1830S	Amber
SPPSB1835S	Sun Block Bronze
SPPSB1840S	Orange
SPPSB1860S	Infinity Blue
SPPSB1870S	Silver Mirror
SPPSB1875S	Blue Mirror
SPPSB1880ST	Indoor/Outdoor Mirror
SPPSB1890S	Gold Mirror

V2 MAGNIFYING READERS

- Lens insert is out of user's direct line of vision.
- Temples adjust to four different lengths.
- Nose buds secure the glass and prevent slipping.
- Scratch resistant polycarbonate lens provides 99% UVA/B/C protection.



No.	Lens
SPPSB1810R15T	Clear Anti-Fog 1.5x
SPPSB1810R20T	Clear Anti-Fog 2.0x
SPPSB1810R25T	Clear Anti-Fog 2.5x

EVER-LITE

- Soft nose piece for snug fit.
- Clear panoramic view without obstruction.
- 8 base wraparound lens provides full front side protection.
- Scratch-resistant, polycarbonate lens provide 99.9% of UV protection.



No.	Lens
SPPSB8610DTM	Clear Anti-Fog
SPPSB8620DTM	Gray Anti-Fog
SPPSB8630D	Amber
SPPSB8660D	Infinity Blue
SPPSB8665D	Ice Blue Mirror
SPPSB8680D	Indoor/Outdoor Mirror

OTIS XL

- Designed to better fit over prescription eye wear.
- Lightweight nylon temples adjust for length and pitch.
- Single lens encapsulates the eye for superb protection.
- Scratch resistant polycarbonate lens provides 99% UVA/B/C protection.



Part No.
SPPS7510STJ

ITEK

- Ventilated nose piece allows heat to dissipate to reduce fogging
- Soft dual injected rubber temple tips
- 99% UV-A & UV-B protection
- Excellent side protection against airborne particles.



No.	Lens
SPPS5810ST	Clear Anti-Fog
SPPS5820ST	Gray Tint Anti-Fog
SPPS5830S	Amber Tint
SPPS5860S	Infinity Blue Tint
SPPS5870S	Silver Mirror
SPPS5875S	Blue Mirror
SPPS5880S	Indoor/Outdoor Mirror

ONIX

- Suspended lens provides stylish look, comfort fit, panoramic view
- Adjustable nose piece provides 3 different angles, allowing the most comfortable fit
- Provides 99% protection from harmful UV-A and UV-B rays



No.	Lens
SPPSB4910STC	Clear Anti-Fog
SPPSB4920SC	Gray Tint
SPPSB4980SC	Indoor/Outdoor Mirror

IONIX

- Ventilated, straight-back flexible temples provide cool, pressure-free fit
- Exceeds ANSI Z87.1 High Impact Requirements
- Scratch-resistant lenses
- 100% polycarbonate lenses



No.	Lens
SPPSB8110D	Clear
SPPSB8120D	Gray Tint
SPPSB8165D	Blue Tint
SPPSB8170D	Silver Mirror
SPPSB8180D	Indoor/Outdoor Mirror

GOLIATH

- Wrap-around, sunglass style fits all facial sizes
- Comfort-fit, rubber temples prevent eyewear from slipping
- Exceeds ANSI Z87.1 High Impact Requirements



No.	Lens
SPPSB5620D	Gray
SPPSB5645D	Ice Orange Mirror
SPPSB5665D	Ice Blue
SPPSW5620D*	Gray
SPPSW5655D*	Sky Red
SPPSW5665D*	Ice Blue

* White frame models

VENTURE 3

- High quality optics offer extreme clarity and no distortion
- Top of frame is ventilated allowing air to circulate and prevent fogging
- Provides 99% protection from harmful UV-A and UV-B rays



No.	Lens
SPPSB5710DT	Clear Anti-Fog
SPPSB5720DT	Gray Tint Anti-Fog
SPPSB5780D	Indoor/Outdoor Mirror



CAPSTONE SHIELD

- Capstone goggle incorporated with removable shield provides full face protection
- Indirect-vent frame provides protection against splash and dust
- Fits over prescription glasses
- Fully adjustable elastic band
- Exceeds ANSI Z87.1 High Impact Requirements
- 99% UV-A & UV-B protection

Part No. SPPGG504TSHIELD



FLEXIBLE GOGGLES

- Flexible body that contours to the face
- Fits over prescription eyewear
- Flame retardant cloth and neoprene straps
- Anti-fog, scratch resistant lens

No.	Description
SPPG604T2	Goggles
SPPRX600	Insert for G604T2



CHEMICAL SPLASH GOGGLES

- Heavy duty body and anti-fog lens
- One-way vent to allow air, not liquids
- Tinted to reduce glare
- 99% UV-A & UV-B protection

Part No. SPPG304T



V2G GOGGLES

- Adjustable headband
- Foam padding to keep out dust and particles
- Vented lens and frame to increase air flow
- Anti-fog, scratch resistant lens

No.	Lens
SPPGB1810STM	Clear
SPPGB1820STM	Gray Tint
SPPGB1830ST	Amber Tint
SPPGB1880ST	Indoor/Outdoor Mirror
SPPRX1800	Rx frame insert



V2G-XP GOGGLES

- Dual pane lens combines poly outer lens with interior acetate lens to trap high heat or extreme cold in the lens system and away from the face.

No.	Lens
SPPGB6410SDT	Clear
SPPGB6420SDT	Gray Tint
SPPRX6400	Rx frame insert



I FORCE

Clear dual anti-fog lens with black temples/strap

Part No. SPPSB7010SDT

COVERALLS

DUPONT PROSHIELD 60 LIMITED USE COVERALLS

- For protection against non-hazardous particles & light liquids
- Made w/microporous film laminated to spunbonded polypropylene substrate
- Attached hood w/elastic around face opening
- Designed to cover neck and chin and fit around respirator
- Storm flap of garment material covers zipper
- Elastic opening for tighter fit at wrist and ankle



No.	Size
SPP8148	Medium
SPP8149	Large
SPP8150	Extra Large
SPP8151	2X Large
SPP8151-1	3X Large
SPP8152	Vinyl Apron

GLOVES



DISPOSABLE GLOVES

100 per box.

No.	Type	Size
SPP8188	Latex	Large
SPP8188-X	Latex	X-Large
SPP8187	Nitrile	Large
SPP8187-X	Nitrile	X-Large



SOLVEX NITRILE GLOVES

- Chemical Resistant
- Soft lined 13" gauntlet

Part No. SPP8181



PVC GLOVES

- Chemical Resistant
- PVC fully coated 14" gauntlet

Part No. SPP8182

HOSE END SPRAYER



- All Purpose Hose End with Metering Dial features a durable poly tank with comfort-grip handle
- Built-in anti-siphon to prevent backflow and durable brass mixing head with 16 mixing ratios
- Fits any standard size garden hose and sprays up to 320 gallons from 32 ounces of concentrate
- Automatically mixes liquid concentrate with water

Part No. SPPG362D

UPSIDE DOWN SPRAY BOTTLE



- 32-ounce translucent poly bottle
- Compatible with common fertilizers, weed killers and pesticides
- Sprays upside down
- In-tank filter

Part No. SPP1105

AGRIEASE HANDHELD SPRAYERS



- Lightweight
- Handle action piston pump
- Single conical spray tip
- Pressure relief valve

2 Litre ~ Part No. SPP90.702.002

AGRIEASE SPRAYER



- Lightweight & easy to use
- Handle action piston pump
- Single conical spray tip
- Large mouth for easy filling
- Pressure relief valve

6L / 1.7Gal ~ Part No. SPP90.700.006

DRY 32oz HOSE END SPRAYER



- Automatically mixes dry, water soluble fertilizers without premixing
- 4 pattern spray dial with easy on/off thumb control
- Built-in anti-siphon feature prevents backflow

Part No. SPPG405

WET / DRY HOSE END SPRAYER



For liquid & soluble lawn & garden chemicals

Part No. SPP6005

1.42 LITRE FARM & FIELD



Part No. SPP1003

HAND CRANK SPREADER



- 1.5-Liter / 92-Cubic Inch capacity scoop spreader
- Compatible with fertilizer, seeds and salt / ice-melt
- Easy-crank design
- Lightweight and easy to maintain
- Great for small areas

Part No. SPP8706A

MOSQUITO SPRAYER



- 1-gallon poly tank with ergonomic handle for easy carrying
- Poly fogging nozzle, great for mosquito treatments
- SureSpray anti-clog filter
- Poly shut-off with lock-on feature for continuous spraying
- Reinforced hose

Part No. SPP2014



PREMIER POLY SPRAYER
7.6L / 2 GAL

- Large 4" opening
- Anti-clog filter
- Adjustable brass nozzle
- Pressure relief valve
- Viton seals & gaskets

Part No. SPP21220XP



PREMIER SS SPRAYER
7.6L / 2 GAL

- Stainless steel tank
- Anti-clog filter
- Adjustable brass nozzle
- Pressure relief valve
- Viton seals & gaskets

Part No. SPP1253



PRO SERIES
7.6L / 2 GAL

- Anti-clog filter
- Brass nozzle
- Large opening
- Pressure relief valve
- Viton seals & gaskets

Part No. SPP26021XP

XP

The eXtended Performance (XP Series) open head pumps offer a 40% improvement in pump efficiency.



JACTO HH-5
SPOT SPRAYER
5L / 1.3 GAL

- Piston-type pump
- High durability tank
- Adjustable cone nozzle
- Decompression valve
- Wide funnel top

Part No. SPW1232231



**TREE / TURF
BACKPACK SPRAYER**

- 3 stage filtration system
- 4" wide opening with strainer/ filter basket
- Padded shoulder straps
- 3 nozzles (fan, cone and adjustable brass)
- Piston pump

15L / 4 Gal
Part No. SPP61800

As Above for Wettable Powders
Part No. SPP64800



**JET-CLEAN
BACKPACK SPRAYER**

- Jet-clean self cleaning filter
- Wide-mouth 6" opening
- Built-in carry handle & wand clip
- Viton seals
- 40 - 60 PSI
- Lever action piston pump

15L / 4 Gal
Part No. SPP63900



**TREE / TURF
BACKPACK SPRAYER**

- 4" large opening
- In-tank filter
- 21 PSI CF valve
- SS wand
- Adjustable pressure control valve
- Lever action piston pump

15L / 4 Gal
Part No. SPP61900



**AGRIEASE
BACKPACK SPRAYER**

- Comes with 4 tips
- Large opening lid
- Padded straps
- Built-in screens
- Lever action piston pump

16L / 4.2 Gal
Part No. SPP7917-1



**CHAPIN
20V
RECHARGEABLE
BACKPACK**

- One charge sprays up to 50 gallons.
- Powered by Black + Decker™ 20v Lithium Ion Battery (charger included)
- Lightweight (9.8 lbs)
- Sprays at a constant 35 PSI
- Equipped with Viton® seals and gaskets
- 6" Wide Mouth™ cap for easy filling
- Built-in carrying handle

15L / 4 Gal
Part No. SPP63985



**SHURFLO
12V
ELECTRIC
BACKPACK**

- 15 Litre (4 Gallon) Polyethylene Tank
- Pump: 12 VDC, 1.0 GPM, 40-PSI Demand (SLV10-AA41)
- Teejet poly wand with a x26 adjustable cone nozzle
- Battery: 12 Volt, 7.0 Amp / Hour Sealed Lead / Acid

15L / 4 Gal
Part No. SPP7916



**PRETREAT &
DE-ICE
BACKPACK**

- Great for pretreating and de-icing hard surfaces during the cold winter hours
- Large opening with filter for easy filling
- Positional handle for left or right hand
- In-tank removeable filter
- Viton o-ring and seals
- Poly wand with 2 poly nozzles; cone & fan

15.1L / 4 Gal
Part No. SPP61808



Replacement Battery
Part No. SPPLBXR20



Replacement Battery
(Charger Not Included)
Part No. SPP94-536-00



JACTO XP-312 BACKPACK SPRAYER - 12L / 3 GAL

The XP Series - Backpack sprayers are ultra-comfortable and lightweight professional-grade sprayers. Jacto's XP range was born from our tradition of serving the needs of farmers in some of the most forbidding environments in the world. Jacto's robust XP models require less pumping to achieve maximum operating pressure than just about any other sprayer you can find and just 8 pumps for 45 psi. The Jacto XP is an easy-pumping, high pressure marvel of engineering! Designed for a minimum 1000 hour service life, the factory destruction test exceeded 4000 continuous hours of operation. Plus the unique in-line cylinder attachment means less wear on the Santoprene piston cup for extra-long service life before maintenance is needed. Even the shape of the Jacto tank is purpose-designed, not only for comfort and durability, but also to retain less liquid on the walls and to empty almost entirely. You can pump the Jacto XP sprayer until it's almost dry – less wasted chemical than with competitive products.

Part No. SPW1210806



JACTO HD-400 BACKPACK SPRAYER - 15L / 4 GAL

The very durable HD400 is extremely popular with landscape professionals and organic farmers. The 4-gallon (16-liter) HD400 has an internal mechanical agitator that does an excellent job of keeping powdered chemicals such as kaolin clay organic insecticides in suspension, as well as liquid chemical additives. The HD400 was independently tested for more than 1,500 continuous hours of operation with no breakdowns and the Jacto HD400 is easily converted for either right-hand or left-hand operation. Plus it only takes 6 handle pumps to achieve 45 psi, reducing operator fatigue. The HD400 has a convenient carry handle built into the top of the tank, a handle lock and spray lance lock to make it easy to transport from job to job. We are pleased to offer you two color combinations for the HD400. The white/orange option is equipped with a Viton® piston cup, a choice for users who will spray caustic chemicals. Our HD400 blue features a piston cup made from Santoprene®, which offers a longer wear life than the Viton® option. 3-year warranty.

Part No. SPW1210803



JACTO PJB-16 BATTERY POWER BACKPACK - 15L / 4 GAL

Electronic Panel with Fine Adjustment

The new panel improved the usability of the sprayer. By having the potentiometer, it is easier to turn it on and allows fine pressure adjustments according to the application's needs.

The pressure remains constant during application, independent of the battery charge level, and can be adjusted from 15 to 70 psi using the standard blue adjustable spray nozzle.

Pump and Battery

Resistance and durability are the main features of the new JEP-80 Pump.

With greater capacity, the new Battery JB-1680 increased the autonomy of the sprayer by 25%.

Strap with Carrying Handle

The padded strap brings more comfort for long hours of work. In addition, the carrying handle facilitates the transport of the equipment.

Trigger Valve and Quick Hose Coupler

The trigger valve LP-3 has a different design for comfort in its grip. The internal filter prevents possible clogging. The trigger lock keeps the flow open, avoiding excessive efforts on the operator's hand.

With the Quick Hose Coupler, it is easier to connect and move the hose during spraying.

Part No. SPW1272393

CLEANING & DEGREASING SPRAYER



- 7.6 Litre / 2 Gallon
- High performance poly sprayer for acid, cleaning, and degreasing
- Acid and chemical resistant seals and gaskets
- Wide opening for easy filling and cleaning
- Auto / manual high pressure relief valve
- Poly wand
- "Lock off" feature to prevent accidental discharge
- Adjustable poly nozzle sprays cone to stream
- Wide mouth opening for easy filling

Part No. SPP22350XP

ACID STAINING SPRAYER



- 7.6 Litre / 2 Gallon
- Acid and chemical resistant seals and gaskets
- Wide opening for easy filling and cleaning
- Auto / manual high pressure relief valve
- "Lock-off" feature to prevent accidental discharge
- Adjustable poly cone nozzle sprays coarse stream to a fine mist
- Serviceable poly pumps

Part No. SPP22240XP

POLY FOAMER / SPRAYER



- 7.6 Litre / 2 Gallon
- 2 in 1 dual sprayer / foamer
- 120" coil hose for easier reach
- Built-in relief/release valve for added safety
- Funnel-top for easy filling
- Adjustable poly cone nozzle sprays fine mist, coarse stream and foam with foam nozzle kit

Part No. SPP2659E

STAINLESS STEEL SPRAYER



- 7.6 Litre / 2 Gallon
- Wide mouth design for easy filling and cleaning
- Adjustable brass nozzle, sprays cone to stream
- Easy pump action for quick pressurizing
- Metal shut-off with "Lock-off" feature for fatigue-free spraying
- 42" reinforced hose for easier reach
- Convenient carrying strap

Part No. SPP1739

BLEACH SPRAYER



- 4 Litre / 1 Gallon
- Anti-clog filter to prevent clogging
- Ergo pump handle for easy pressurizing
- Large funnel top opening for no mess filling

Part No. SPP20075

INDUSTRIAL

CONCRETE VITON



- Metal ergo handle
- Viton seals and gaskets
- Heavy duty hose resists chemical attack, crimping, cracking and leaking
- 3.5 gal. Tri-Poxy lined steel for triple protection against corrosion, rust and damage from denting
- Holster keeps shut-off and tips secure

Dripless - Part No. SPP19149

Wand - Part No. SPP1949

FUNNEL TOP



- 11.4 Litre / 3 Gallon
- Tri-Poxy coated tank
- Tri-Lock wide mouth opening
- Viton seals & gaskets
- Funnel top for easy filling
- Industrial brass wand, shutoff, extension and nozzle

Part No. SPP1449

POLY VITON



- 11.4 Litre / 3 Gallon
- Wide mouth opening for easy filling
- 24" curved crush resistant extension
- Adjustable brass cone nozzle
- Handle includes "Lock-on" spraying feature
- Viton seals and gaskets

Part No. SPP22180XP

XTREME

STAINLESS STEEL



- 13.2 Litre / 3.5 Gallon
- Stainless steel tank
- Tri-Lock wide mouth opening
- Ergonomic handle
- Tri-Poxy coated metal
- Heavy duty brass pump
- Crush resistant wand

Part No. SPP19069

CONCRETE VITON



- 13.2 Litre / 3.5 Gallon
- Poly holster
- Brass fan spray nozzle
- Viton O-rings and gaskets
- Crush resistant brass wand
- In-tank filters
- Wide mouth opening

Dripless - Part No. SPP19249

Wand - Part No. SPP19049

POLY VITON



- 11.4 Litre / 3 Gallon
- 24" Brass extension wand
- Metal pump handle
- Viton seals and gaskets
- Wide mouth for easy filling
- Translucent tank for monitoring liquid level

Dripless - Part No. SPP22149XP

Wand - Part No. SPP22049XP

ACETONE

DRIPLESS



- 11.4 Litre / 3 Gallon
- Dripless trigger grip shut-off for no-drip applications with XTREME™ Viton® Seals
- EPDM seals and gaskets to handle high concentration of Acetone
- Funnel top for easy filling
- Pressure release valve

Part No. SPP21127

DRIPLESS SHUT-OFF GUN



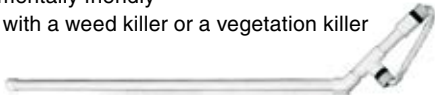
Part No. SPP6-8135

- Patented dripless design
- Comfortable trigger grip
- Lock-off feature to avoid accidental discharge
- Internal brass components
- Xtreme seals
- 19 inch dripless extension
- Sprays 30-35% solids
- Wand can be removed and nozzle can be attached to grip with complete dripless function

Dripless Xtreme Seal Kit
Part No. SPP6-8136

HAND HELD ROPE WICK

- Targets only those plants you wish to kill
- No drift
- No wasted chemicals
- Environmentally friendly
- For use with a weed killer or a vegetation killer



Part No. SPPWT1

Replacement Parts

No.	Description
SPP5979	Fitting assembly with 18" wick
SPP39-34	3/4" MGHT x 3/4" MPT
SPP5988	Cone Washer
SPP5986	3/4" FGHT Nut - 1/2" Hole

MOUNTED ROPE WICK

- Available in 5 ft. models (3" diameter)
- For wider coverage add additional units end to end
- A small holding tank can be added to increase time between refills



Part No. 7651

ATV Mounts



No.	Description
SPP7654	Includes 2 brackets and clamps

SPOT SPRAYERS

15 & 25 Gallon



- Corrosion resistant poly tank
- Full drain out capability with molded in drain port, cap & tether
- 5" fill lid with tether
- Litre and gallon indicator on tank
- 12 volt (demand) diaphragm pump, 2.1 GPM, 60 PSI
- 18" lever handgun with adjustable pattern tip
- Roundup® ready

15 Gal ~ Part No. SPF5300393

25 Gal ~ Part No. SPF5300632

ATV DRY MATERIAL SPREADER



- 5 to 45 foot variable spread width
- 2.2 cubic foot poly hopper
- Stainless steel radial 6-blade fan
- 12 volt motor with variable speed control (VSC-10) and on/off switch

Part No. GMRATV-DMS-12V

ATV BOOM SPRAYERS



- 15 or 20 gallon corrosion resistant poly tank with sump for easy drain
- 2 nozzle boom, 80" coverage
- 12 volt diaphragm demand style pump, 2.1 GPM, 0-60 PSI (5275703)
- Pressure gauge (G-11-100)
- 16" wand with adjustable nozzle & 15 feet of hose

15 Gal ~ Part No. SPF5300936

- 25 gallon corrosion resistant poly tank with sump for easy drain
- 7 nozzle, 3 section folding boom, 140" coverage
- 12 volt Diaphragm demand style pump, 2.1 GPM, 0-60 PSI (5275703)
- Pressure gauge (G-11-100)
- Max. throw: Horizontal: 30 ft; Vertical: 18 ft.
- 18" wand with adjustable nozzle & 15 feet of hose

25 Gal ~

Part No. SPF5301273

- 25 gallon corrosion resistant poly tank with sump for easy drain
- 7 nozzle, 3 section folding boom, 140" coverage
- No-drip diaphragm check valve nozzles
- 12 volt diaphragm demand style pump, 3.8 GPM, 0-45 PSI (5275704)
- Pressure gauge (G-11-100)
- Max. throw: Horizontal: 43 ft; Vertical: 26 ft.
- 18" wand with adjustable nozzle & 15 feet of hose

25 Gal ~

Part No. SPF5301159

ATV BOOMLESS SPRAYER



- 25 gallon corrosion resistant poly tank with sump for easy draining
- 3.8 GPM, 12 volt diaphragm demand style pump; 45 PSI (5275704)
- Adjustable pressure
- Handgun with adjustable tip & 15 ft. of hose
- Nozzles can be adjusted to spray left, right, center or all three
- Full 30 ft. spraying swath
- Roundup ready
- Glycerin filled pressure gauge (G-16-100)

25 Gal ~ Part No. SPF5301267

TRAILER SPRAYER



- Streamlined footprint for compact storage and larger turning radius
- Patent pending sump design for full drainage
- Easy access drainage port
- Front forward integrated gun & hose wrap for easier access from transport vehicle
- 80" Spray swath
- Breakaway boom design to mitigate boom damage if struck
- Height adjustable hitch
- Heavy duty 12" tires
- 1 1/4" squared tubed frame integrated into tank designs
- Heavy duty 16" tires
- 1 1/2" squared tubed frame integrated into tank designs

20 Gal ~

Part No. SPF5302316

30 Gal ~

Part No. SPF5302317

3-POINT HITCH SPRAYER



- 40 gallon poly tank*
- 12 volt high-flo pump; 2.1 GPM, 60 PSI (5275703)
- Fold behind 3 section boom with break-away hinges
- 4 nozzle boom - 120" spray coverage
- Deluxe pistol grip handgun with 15 ft. hose
- Pressure gauge (G-11-100)
- 8 foot lead wire with remote switch

**55 Gallon also available
Does not include pump or wand
Part No. SPF5300576*

Part No. SPF5300845

UTILITY SPRAYERS



- Innovative tank design
- Heavy Duty blow molded
- Conveniently positioned pump/manifold near UTV cab to easily set sprayer PSI
- 12 Volt Diaphragm Pump, 3.8 GPM, 45 PSI Max
- Quick release spray boom for fast assembly / disassembly
- Can be used with UTV tailgate closed or open
- Low profile for improved stability / center of gravity
- Molded handles for easy installation in UTV's
- New Multi-Lid Included
- Ready For Roundup®

45 GALLON

7 Nozzle Boom - 140" Coverage
Part No. SPF5302864

Boomless - 30' Coverage
Part No. SPF5302865

65 GALLON

7 Nozzle Boom - 140" Coverage
Part No. SPF5302830

Boomless - 30' Coverage
Part No. SPF5302843

SKID SPRAYERS

12 Volt



- 60 gallon corrosion resistant poly tank
- 12 volt diaphragm high-flo pump; 2.1 GPM, 60 PSI (5275703)
- Bypass pressure adjustment
- Pressure gauge (G-11-100)
- Pistol-grip handgun with adjustable nozzle and 25 ft. of hose
- Max. horizontal throw: 30 ft. Max. vertical throw: 18 ft.
- Roundup ready

Part No. SPF5301304

Gas



- 60 gallon corrosion resistant poly tank
- 2-1/2 HP engine - 4 Roller pump; 6 GPM
- 0-120 PSI adjustable pressure
- Pressure gauge & regulator valve (G-11-100/3090)
- Pistol-grip handgun with adjustable nozzle & 25 ft. of hose
- Max. horizontal throw: 45 ft. Max. vertical throw: 30 ft.
- Roundup ready

Part No. SPF5301336

As above with 5.5 HP Honda Engine

- 6 Roller pump; 9.8 GPM
- 0-250 PSI
- Max. horizontal throw: 46 ft.
- Max. vertical throw: 32 ft.

Part No. SPF5301518

Optional accessories available

No.	Description
SPF5301394	Trailer kit
SPF5301471	Heavy duty trailer kit

HYPRO CHEMICAL EDUCATOR



- The Cleanload is a self-contained education system which allows the operator to mix liquid and dry chemicals safely and quickly
- All crop protection chemistry is mixed at ground level, ensuring the safety of both the operator and the environment
- 316 stainless steel venturi provides the highest education rate, as fast as one gallon per second, and durability against all chemicals
- Available in a range of hopper capacities suited to your application:
 - » 4.5 gallon versions provide convenient loading capabilities in a compact configuration
 - » 5.5 gallon versions are the most compact full-feature models and will hold a full 20-35 pound bag of dry material
 - » 7.0 gallon versions feature a wider 16-inch lid, hold a full 51 pound bag of dry material, and can be used to rinse large 20-liter (5.2 gal) jugs
- Equipped with tank rinse, designed to completely wash the cleanload hopper
- Ideal for nurse tank applications when floor mounted, using optional base frame bracket (part #3430-0596)
- ProClean™ bottle rinse allows operator to triple rinse chemical containers on-site (05T5 and 05T7 models only)
- Educator inlet and outlet ports are flynut-ready, offering a wrench-free connection of hoses for easy installation and servicing 3375P-05T5 only
- Optional suction lance (part #3430-0594) allows the operator to educt bulk liquid and dry chemicals (wetttable powders, dry flowables and water-dispersible granules) from large containers without secondary handling

No.	Gallons
SPP3375P-05T4	4.5
SPP3375P-05T5	5.5
SPP3375P-05T7	7
Accessories	
SPP3430-0594	Suction lance
SPP3430-0596	Floor mounting base kit

BANJO MANIFOLD INDUCTOR SYSTEM



* Tank Not Included

- Draws wetttable powders or liquids from inductor tank for thorough chemical mixing
- Installed after pump; suction completely empties inductor tank
- Keeps tank free of chemicals
- 2" & 3" full port flow
- Easy assembly/installation with manifold connections

No.	Description
SPPMIS220	2" Full Port Flange x Flange-Assembled
SPPMIS300	3" Flange x Flange-Assembled

Mix-N-Fill Tanks

No.	Imp Gals	US Gals	Diameter	Length
SPP7763	16	19	20"	20"
SPP7764	26	31	20"	29"

BOOM KITS FOR SKID SPRAYERS



No.	Description
SPFBK-2-61	2 nozzle boom kit (80")
SPFBK-4-61	5 nozzle boom kit (100")
SPFBK-7-61	7 nozzle boom kit (140")
SPFBK-6	13 nozzle boom kit (21')
SPFATVBK-3025	3 nozzle boomless (30 ft. coverage)

ACCESSORIES

12V ON/OFF WIRELESS REMOTE CONTROL



- Controls 12 volt products up to 20 amps
- Quick connect to Fimco products
- Convenient keychain clip

Part No. SPF7771938

MULTI-LID



- Food grade, 32 ounce measuring cup attached to tank lid
- Garden hose port secures hose for safe and easy filling
- Fits sprayers with a 5" tank lid

Part No. SPF5194298

50 FT UTV HOSE REEL



Part No. SPF5302886

HYPRO EXPRESS BOOM FITTINGS



Pipe Mounting

Type	Inches	MM
A	1.181	30
B	2.047	52



EXPRESS UNIVERSAL FLANGE WET BOOM FITTINGS



Express Fitting x 1" Universal Flange Straight
Part No. SPP7433-2502

(2) Express Fitting x 1" Universal Flange Tee
Part No. SPP7433-2503



EXPRESS FLUSH VALVE

Quickly flushes the entire boom section with the turn of a handle

Retrofit Part No. SPP7433-3319



Retrofits to standard Hypro express end cap
1/2" PTC Elbow No. SPP2404-0414



Part No. SPP7433-3321

EXPRESS NOZZLE BODY END CAP



1" Express fitting with nozzle body end cap that allows trapped air to escape through the nozzle body. Comes with cleanout.

No.	Type
SPP7433-3314	High Flow
SPP7433-3316	Standard

EXPRESS NOZZLE BODY END CAP RETROFIT KIT

Kit includes machinist-quality drill bit, drilling and cutting jig for 1" pipe, Emery cloth, and instructions to retrofit conventional wet boom spray pipe for Express nozzle boom end caps.



Part No. SPP3410-0039

No.	Description
SPP3410-0043	Jig for High Flow Bodies
SPP3410-0044	Jig for Standard Bodies

BOOM END NOZZLE SYSTEMS

MANUAL CONTROLLED END NOZZLE



- Diaphragm check valve with swivel
- Twist Lock cap
- EPDM O-ring seal
- Cap accepts all standard off-centre tips
- Max. 125 PSI

No.	FPT
SPP6279	3/4"
SPP6280	1"

ELECTRICALLY CONTROLLED END NOZZLE



- 12 volt solenoid valve
- Low .85 amps at 12 volt, only small gauge wire required.
- Valve is normally closed
- Viton seals & o-rings
- Nylon swivel with twist lock nozzle body
- Max. 125 PSI

No.	FPT
SPP6277	3/4"
SPP6278	1"
As Above Less Swivel	
SPP3752	3/4"
SPP3753	1"

EXPRESS HOSE BARB WET BOOM FITTINGS



Express Fitting x 1" Hose Barb Straight
Part No. SPP7433-2608

Express Fitting x 1" Hose Barb Elbow
Part No. SPP7433-2610



EXPRESS CAM LOCK WET BOOM FITTING



Express Fitting x 1" Male Cam Lock Straight
Part No. SPP7433-2613

SERVICE KIT

No.	Description
SPP3430-0790	Clamp & Hardware Kit w/ O-rings
SPP2910-0026	Clamp & Hardware Kit
SPP7433-2600	Removable Plug Standard
SPP7433-2514	Removable Plug High Flow

UNIVERSAL FLANGE GASKET

- Hypro Universal Flanged Gasket aligns adjoining fittings and holds itself in place during joint assembly without the use of adhesives.
- Outside of gasket is visible for inspection during assembly to ensure gasket is properly placed.

1" EDPM Universal Flange Gasket -
Part No. SPPUFG0100E-A

BOOM END FLUSH VALVE - Polypropylene Body with Viton Seals



1-1/4" QN SST VERSION ~ Part No. SPP25175-00

- Fits Wilger 1 1/4" Quick-Nut SST Tubing fittings
- Mates to 25171-00 boom end adapter

TWS (CNH) VERSION ~ Part No. SPP41402-00

- Fits CNH Patriot sprayers that have TWS thin-walled SS tubing fittings
- Mates to 41400-01 TWS tube end adapter

1" STANDARD PIPE THREAD ~ Part No. SPPWG25176-V0

- Fits any boom w/ 1" Standard Pipe Thread
- Can be reduced further

TUTHILL FLOW METER



Part No. SPPTT10PN

Accurate within 1%, the Tuthill TT10PN In-line Digital Turbine Meter sets the standard for accuracy, ease of use and safety. It has factory presets for 18 fluids and more safety approvals than any other meter in its class. Replaceable AA batteries keep your meter running and downtime to a minimum. A rubber boot helps protect the meter and electronics from impact damage.

- 2 - 35 GPM / 8 - 132 LPM
- Engineered polymer
- 1" FPT
- Operating pressure: 50 psi
- Temp range 0°F to 130°F / -18°C to 54°C
- Dimension: 4w x 2.6d x 2.9h
- Measures ounces, pints, quarts, liters, or gallons
- 2 AA battery power source
- Weight: 9.6 oz.
- Compatible with DEF, anti-freeze, de-icing fluid, non-potable water, and other chemicals

SOTERA FLOW METERS



- 2 - 20 GPM
- One step calibration
- Display
- +/-0.2% accuracy
- 360° positioning display
- -10°F - 130°F temperature range
- Waterproof, corrosion-resistant
- Glass-filled Polypropylene housing
- 1" FPT ports
- Two alkaline (AA) batteries included
- 125 PSI Max
- LCD
- Fluorocarbon seals

- The 850 comes with mass air sensor which stops metering when you've finished emptying a container

Sotera 825 Series ~ Part No. SPP825-FM

Sotera 850 Series ~ Part No. SPP850-FM

Sotera Repair Kit - Viton & Buna o-rings, chamber assembly
Part No. SPP825KTF1582

SHURFLO FLOW METERS



- Max. flow of 20 gpm (.5% after calibration)
- 120 Max PSI
- Accurate nutating disk design
- Large LCD display makes meter reading easy from a distance
- Simple calibration steps and control button layout
- Long-life lithium battery
- Easy-to-service electronics and batteries
- Available in pump-mounted and hose-end configurations

No.	Description
SPPFM-1100	Pump-mounted meter kit - 1" MPT in & out
SPPFM-1100i	Inline meter kit - 1" FPT in & out

BANJO FLOW METERS



FM100

MFM220



- Displays overall total volume & batch total volume
- Flow rate allows for gallons or litres per minute
- Display reads 6 digits for rate, 8 digits for total and 1 decimal place reading in tenths
- Self calibrating
- Easy to change 6 AA batteries
- Glass reinforced polypropylene
- Temperature range from 0°F to 150°F
- 99% accuracy from 2 to 110 GPM for 1" models
- 99% accuracy from 30 to 300 GPM for 2" models

No.	Description
SPPFM100	1" Full Port FPT
SPPMFM100	1" Full Port Manifold
SPPMFM220	2" Full Port Manifold
SPPMFM300	3" Full Port Manifold

HORIZONTAL SPRAYER TANKS



- U/V Stabilized Poly
- Moulded in Gallons/Litre indicator
- Recessed sump
- Max. Temp. 140°
- Fittings:
 - 10-50 Gal. - 3/4"
 - 90-415 Gal. - 3/4" & 1 1/4"

No.	Imp Gals	US Gals	Dia.	Lid	Length
SPP7697	10	12	16"	6"	19"
SPP7698	25	30	23"	6"	18"
SPP7699	50	60	23"	6"	37"

HORIZONTAL FREE STANDING TANKS



- Round tanks with moulded in supporting legs for free standing use.
- Moulded in Gallon/Litre Indicator
- U/V Stabilized Poly
- Max. Temp. 140°
- Screw on lids:
 - 100 & 175 Gal. - 8"
 - 325 & 500 Gal. - 16"
- Fittings: 100 Gal. - 1 1/4"
175 - 500 Gal. - 2"

No.	Imp Gals	US Gals	Diameter	Length
SPP7720	25	30	23"	18"
SPP7721	50	60	23"	37"
SPP7718	100	120	29"	45"
SPP7728	175	210	38"	51"
SPP7719	325	390	42"	80"
SPP7717	500	600	48"	83"
SPP7722	750	900	52"	101"
SPP7723	1000	1200	65"	102"

LARGE VOLUME VERTICAL TANKS



- Fittings: 1" - 2" made to order

No.	Imp Gals	US Gals	Dia.	Length
SPPLR-171	915	1100	86"	53"
SPPLR-175 BLACK	1250	1500	86"	70"
SPPLR-177W WHITE	1250	1500	86"	70"
SPPLR-177 YELLOW	1250	1500	86"	70"
SPPLR-188 GREEN-HD	1250	1500	86"	70"
SPP41225 BLACK	1250	1500	66"	87"
SPPE-2000V	2000	2400	95"	87"
SPPE-2500V	2500	3000	95"	107"
SPPE-3000V	3000	3600	102"	126"
SPPE-5000V	5000	6000	102"	182"
SPP43901	5000	6000	102"	182"

* LR-175 - not suitable for potable water • LR-188 - Heavy Duty

SMALL VOLUME VERTICAL TANKS



No.	Imp Gals	US Gals	Dia.	Length
SPPE-15W	15	18	15 1/4"	22 1/2"
SPPE-25W	25	30	19 1/4"	19 1/4"
SPPE-50W*	50	60	24 1/4"	37 1/4"
SPPE-75W*	75	90	23"	47 1/2"
SPPE-100W*	100	120	28 1/2"	66"
SPPE-125W*	125	150	29 1/2"	64"
SPPE-250PV*	250	300	36"	84"
SPPE-250WS	250	300	61" x 30"	48"
SPPE-325WS	325	390	61" x 30"	60"

* 8" Lid available - Add "-L"

HAULING TANKS



No.	Imp Gals	US Gals	Dia.	Length
SPP7726	250	300	64"	30"
SPP7727	420	505	64"	45"

MIX-N-FILL TANKS



- Vented lid and drain fitting included.
- Moulded-in volume indicators and tie-downs.

No.	Imp Gals	US Gals	Diameter	Length
SPP7763	16	19	20"	20"
SPP7764	26	31	20"	29"
SPP7765	835	1000	86"	63"
SPP7766	1250	1500	86"	79"

Call for information if part numbers are not listed (-)

1-888-937-7278



BULKHEAD FITTINGS

- External thread and nut are left hand threads.
- Internal thread is FPT. For use with tanks having a wall thickness of 1/16" to 1/2".

No.	FPT	Washer
SPPTF12P-E	1/2"	EPDM
SPPTF34P-E	3/4"	EPDM
SPPTF100P-E	1"	EPDM
SPPTF125P-E	1 1/4"	EPDM
SPPTF150P-E	1 1/2"	EPDM
SPPTF200P-E	2"	EPDM
SPPTF300P-E	3"	EPDM
SPPTF400P-E	4"	EPDM



BANJO POLYPROPYLENE TANK FLANGE

With EPDM Gasket
(Viton Available)

No.	Flange FPT	Gasket Size
SPPBF075	3/4" x 1"	3" x 3"
SPPBF100	1" x 1"	3" x 3"
SPPBF-125	1 1/4" x 1"	3" x 3"
SPPBF-112114	1 1/2" x 1 1/4"	3" x 3"
SPPBF-112	1 1/2" x 1 1/2"	3" x 3"
SPPBF-112200	1 1/2" x 2"	3 1/2" x 3 1/2"
SPPBF-200	2" x 2"	3 1/2" x 3 1/2"
SPPBF-300	3" x 3"	5 1/2" Hex

BANJO POLY BOTTOM BOLTED TANK FITTING

- No sediment build up
- Stainless steel bolts
- Allows 100% rinse free
- Helps avoid herbicide cross contamination
- Glass reinforced poly
- EPDM gasket (Viton available)



No.	Flat Surface Required	FPT Ports In x Out
SPPBF075BD	3" x 3"	3/4" x 3/4"
SPPBF100BD	3" x 3"	1" x 1"
SPPBF125BD	3" x 3"	1 1/4" x 1 1/4"
SPPBF150BD	3 1/2" x 3 1/2"	2" x 1 1/2"
SPPBF200BD	3 3/4" x 3 3/4"	2" x 2"
SPPBF300BD	5 1/2" x 5 1/2"	3" x 3"



BANJO ANTI VORTEX TANK FLANGE

- EPDM gasket
- Viton available

No.	FPT	Tank Hole Size
SPPTF100AV	1"	2 1/4"
SPPTF125AV	1 1/4"	2 1/4"
SPPTF150AV	1 1/2"	3"
SPPTF200AV	2"	3"



POLY TANK FITTINGS

With EPDM Gasket

- Left hand threaded locknut prevents loosening when installing fittings.
- 3/4" to 1 1/2" back taped to install fittings both sides

No.	FPT	Tank Hole Size
SPP3114	1/2"	1 1/8"
SPP3115	3/4"	1 5/8"
SPP3116	1"	2"
SPP3117	1 1/4"	2 5/8"
SPP3118	1 1/2"	2 5/8"
SPP3119	2"	3 3/8"
SPP3121	3"	4 1/2"
SPP3122	4"	5 1/2"

Replacement Gaskets

SPP2961	1/2" & 3/4"
SPP2964	1", 1 1/4" & 1 1/2"
SPP2965	2"
SPP2966	3"
SPP2969	4"



BANJO 316 STAINLESS STEEL TANK FITTINGS

- Double sided threads
- EPDM gaskets, Viton available

No.	FPT	Tank Hole Size
SPPTF075SS	3/4"	1 1/8"
SPPTF100SS	1"	2 1/4"
SPPTF125SS	1 1/4"	2 1/4"
SPPTF150SS	1 1/2"	3"
SPPTF200SS	2"	3"
SPPTF220SS	2"	3 3/4"
SPPTF300SS	3"	4 3/8"



SS BOLTED FULL NIPPLE FLANGES

- XLPE gasket
- EPDM / Viton gaskets available

No.	MPT
SPPBFN050SS	1/2" x 1/2"
SPPBFN075SS	3/4" x 3/4"
SPPBFN100SS	1" x 1"
SPPBFN125SS	1 1/4" x 1 1/4"
SPPBFN150SS	1 1/2" x 1 1/2"
SPPBFN200SS	2" x 2"
SPPBFN300SS	3" x 3"
SPPBFN400SS	4" x 4"



316 STAINLESS STEEL BOLTED FULL COUPLING

- XLPE gasket standard
- EPDM / Viton gaskets available

No.	FPT
SPPBFC050SS	1/2" x 1/2"
SPPBFC075SS	3/4" x 3/4"
SPPBFC100SS	1" x 1"
SPPBFC125SS	1 1/4" x 1 1/4"
SPPBFC150SS	1 1/2" x 1 1/2"
SPPBFC200SS	2" x 2"
SPPBFC300SS	3" x 3"
SPPBFC400SS	4" x 4"



BANJO POLYPROPYLENE TANK FITTINGS

- Double sided threads
- EPDM gaskets, Viton available

No.	FPT	Tank Hole Size
SPPTF050	1/2"	1 5/8"
SPPTF075	3/4"	1 5/8"
SPPTF100	1"	2 1/4"
SPPT125	1 1/4"	2 1/4"
SPPTF150	1 1/2"	3"
SPPTF200	2"	3"
SPPTF220	2"	3 1/4"
SPPTF300	3"	4 1/2"

SPEARS PVC TANK FITTINGS

(Soc x SRFPT)

- Stainless steel reinforced outlet
- Neoprene gasket



No.	Soc x SRFPT	Tank Hole Size
SPP8171-002SR	1/4" x 1/4"	1 1/8"
SPP8171-003SR	3/8" x 3/8"	1 3/8"
SPP8171-005SR	1/2" x 1/2"	1 7/8"
SPP8171-007SR	3/4" x 3/4"	1 5/8"
SPP8171-010SR	1" x 1"	2"
SPP8171-012SR	1 1/4" x 1 1/4"	2 5/8"
SPP8171-015SR	1 1/2" x 1 1/2"	2 11/8"
SPP8171-020SR	2" x 2"	3 1/4"
SPP8171-025SR	2 1/2" x 2 1/2"	3 3/8"
SPP8171-030SR	3" x 3"	4 3/8"
SPP8171-040SR	4" x 4"	5 1/2"

SPEARS PVC TANK FITTINGS

(FPT x SRFPT)

- Stainless steel reinforced outlet
- Neoprene gasket



No.	FPT x SRFPT	Tank Hole Size
SPP8172-002SR	1/4" x 1/4"	1 1/8"
SPP8172-003SR	3/8" x 3/8"	1 3/8"
SPP8172-005SR	1/2" x 1/2"	1 7/8"
SPP8172-007SR	3/4" x 3/4"	1 5/8"
SPP8172-010SR	1" x 1"	2"
SPP8172-020SR	2" x 2"	3 1/4"

SPEARS PVC TANK FITTINGS

(Soc x SRFPT)

- Stainless steel reinforced outlet
- Neoprene gasket



No.	Soc x SRFPT	Tank Hole Size
SPP8171-002CSR	1/4" x 1/4"	1 1/8"
SPP8171-003CSR	3/8" x 3/8"	1 3/8"
SPP8171-005CSR	1/2" x 1/2"	1 7/8"
SPP8171-007CSR	3/4" x 3/4"	1 5/8"
SPP8171-010CSR	1" x 1"	2"
SPP8171-012CSR	1 1/4" x 1 1/4"	2 5/8"
SPP8171-015CSR	1 1/2" x 1 1/2"	2 11/8"
SPP8171-020CSR	2" x 2"	3 1/4"
SPP8171-025CSR	2 1/2" x 2 1/2"	3 3/8"
SPP8171-030CSR	3" x 3"	4 3/8"
SPP8171-040CSR	4" x 4"	5 1/2"



TANK TIE DOWN WEBBING

- 2" wide

Part No. SPF5133207



TANK TIE DOWN HARDWARE

- Four each required per tank.

Part No. SPF5108041

IBC POLY ACCESSORIES



- 11" Polyurethane Lanyard

No.	Length
SPPV20207	11"



- 2" Cam Lever Dust Cap
- Short arms

No.	Description
SPP200CAPSH	2" Cam Lever Cap



- 2" Buttress
- 2" MPT
- Santoprene Gasket

No.	Buttress	MPT	Port
SPPTA283	2"	2"	1½"



- 2" Buttress
- 2" Camlock
- Santoprene Gasket

No.	Port
SPPTA283QD	1½"

MULTI-LID



- Food grade, 32 ounce measuring cup attached to tank lid
- Garden hose port secures hose for safe and easy filling
- Fits sprayers with a 5" tank lid

Part No. SPF5194298



- 2" FPT Cap

No.	FPT
SPP200FPT	2"

POLY TANK LIDS & ACCESSORIES



Center vent installs on the underside of lid

No.	Size
SPPTLV2	10"



- 6.5" IBC Solid Tank Lids (No vent)

No.	Gasket
SPPTL650S	Santoprene
SPPTL650E	EPDM



- 6" Unvented Lid for sprayer tanks

No.	Description
SPPTL600	Non-Vented



- 6" Vented Lid for sprayer tanks
- Spring Loaded Vent

No.	Description
SPPTL600C	Spring Loaded Vent



SPRAYER TANK CLEANER

Agri-Foam Cleaner is a low-foaming, non-flammable, biodegradable, synthetic cleaner specifically designed for effective cleaning of all types of agricultural spray tanks.

1 GALLON

Part No. SPPSC-CLEANER



- Vented & Non-Vented bung plugs

No.	Description
SPP200MPT	2" MPT x 3/4" FPT
SPP230MPT	2" MPT Solid bung
SPP260MPT	2" MPT with 1/8" Vent Hole
SPP075MPTL	3/4" MPT with Retainer End
SPP075MPT	3/4" MPT plug



- 6.5" IBC with Unvented 2" Plug

No.	Gasket
SPPTL651S	Santoprene
SPPTL651E	EPDM



- 6.5" IBC with Vented 2" Plug

No.	Gasket
SPPTL652S	Santoprene
SPPTL652E	EPDM



- 10" & 16" Vented Tank Lids & Non Vented Lids

No.	Description
SPPTLA10	10" Vented Lid Assembly
SPPTL101	10" Non-Vented Lid
SPPTL16	16" Non-Vented Lid
SPPTR10	10" Tank Ring
SPPTR16	16" Tank Ring

ANTI VORTEX VENT CAP



- Prevents swirl in bottom of tank
- Available with 304 SS Screen

No.	MPT	Screen
SPPVC200	2"	-
SPPVC230	2"	12 Mesh
SPPVC300	3"	-
SPPVC330	3"	10 Mesh



HINGED TANK LIDS

C/W FLAT SURFACE MOUNTING RING
SIDE MOUNTING RING AVAILABLE ON SPECIAL ORDER

- 180° degree hinged lid complete with flat surface mounting ring
- Floating ball vent valve prevents leakage
- Especially suited for hill side spraying
- Gasket seal
- 6 point bayonet locking
- 180° opening prevents strain on tank ring
- Basket type strainer available

No.	Size	Tank Hole	Fill Hole
SPP3560602	18"	16"	15"
SPP356060.02	15" Hinged Lid Replacement Tank Rim		

VENTED LIDS

6" VENTED LID W/AIR BREATHER



Used as fill hole and air-breather on 12", 15" & 21" vented lids. Can also be used with tank rim where a 4¼" fill opening is suitable.

No.	Size	Tank Hole	Fill Hole
SPP3522000	6"	5"	4¼"
SPP350401	6" Tank Rim		
SPP352000.02	6" Lid O-ring		



8" VENTED LID

Equipped with built in air breather. Purchase tank rim separately for complete assembly.

No.	Size	Tank Hole	Fill Hole
SPP3522221	8"	8½"	7¾"
SPP3502420	8" Tank Rim		



12", 15" & 21" VENTED LIDS

Includes #6970 filler/vent. Purchase tank rim separately for complete assembly.

No.	Size	Tank Hole	Fill Hole
SPP3522040	12"	12½"	11¾"
SPP3522060	15"	16¾"	15¾"
SPP3522080	21"	22½"	21¼"
SPP3502440	12" Tank Rim		
SPP3502460	15" Tank Rim		
SPP350480	21" Tank Rim		

NON-VENTED LIDS

6" CLOSED LID



Can also be used on 12", 15" & 21" lids in place of #6970 if an air breather is not required. Do not attempt to drain a tank without a breather

No.	Size	Tank Hole	Fill Hole
SPP3522100	6"	5"	4¼"
SPP350401	6" Tank Rim		
SPP352000.02	6" Replacement Lid O-ring		



8" CLOSED LID

No air breather. Do not attempt to drain a tank without a breather.

Purchase tank rim separately for complete assembly.

No.	Size	Tank Hole	Fill Hole
SPP3522120	8"	8½"	7¾"
SPP3502420	8" Tank Rim		



12", 15" & 21" CLOSED LID

No Air Breather. Do not attempt to drain a tank without a breather. Purchase tank rim separately for complete assembly.

No.	Size	Tank Hole	Fill Hole
SPP3522140	12"	12½"	11¾"
SPP3522160	15"	16¾"	15¾"
SPP3522180	21"	22½"	21¼"
SPP3502440	12" Tank Rim		
SPP3502460	15" Tank Rim		
SPP350480	21" Tank Rim		



TANK LID BASKET STRAINERS

For Vented or Closed Lids

- Polypropylene construction
- 18 Mesh

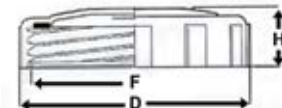


No.	For Tank Lid Size	Dimensions A	B
SPP300116	8"	7¾"	7¾"
SPP300120	12"	11½"	11½"
SPP300126	15"	15½"	15"



SCREW ON LIDS

Vented & Non-Vented



No.	Size	F	D	H
SPP354130	4"	4.1"	4.8"	1.30"
SPP354230	4"	4.1"	4.8"	1.30"
SPP3542010	6"	6.0"	6.5"	1.85"
SPP3542110	6"	6.0"	6.5"	1.85"
SPP6967	6"	-	-	-
SPP354142*+	7"	8.6"	6.9"	2.7"
SPP354120+	8"	8.6"	9.4"	2.00"

Replacement Gaskets

SPP354030-020	4"
SPP3542010-020	6"

* Lockable for transportation + Gasket not included



FLOATING BALL VENT VALVE

- Prevents spilling through vent

No.	Hole Size
SPP504210	2¼"



TANK AIR VENT

- Prevents splashing through vent

No.	Hole Size
SPP504203	1¼"



BOLTED BULKHEAD

- Flanged outlet
- FPT In-tank connection
- Stainless steel bolts

No.	Port	Flange ID x OD	FPT
SPPMBF100	1"	1" x 2"	1½"
SPPMBF200	1½"	1½" x 3"	2"
SPPMBF220	2"	2" x 3¼"	2"
SPPMBF300	3"	3" x 4¾"	3"

As above with Viton Gasket

SPPMBF100V	1"	1" x 2"	1½"
SPPMBF200V	1½"	1½" x 3"	2"
SPPMBF220V	2"	2" x 3¼"	2"
SPPMBF300V	3"	3" x 4¾"	3"



MANIFOLD POLY BOTTOM DRAIN

*Gasket not included

No.	Size	Hole
SPPMTF220	2" x 2" FP	3¼"
SPPMTF300	3" x 3"	4½"



BULKHEAD POLY TANK FITTINGS

*Gasket not included

No.	Size	Hole
SPPMTF220BD	2"	3¼"
SPPMTF300BD	3"	4½"

BOLTED BULKHEAD

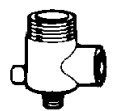
- FPT In-tank connection
- Elevated bolt spacers
- 100% fully drainable
- Eliminates ring of chemicals around bulkhead tank connection



No.	Port	Flange ID x OD	FPT
SPPMBF100BD	1"	1" x 2"	1½"
SPPMBF150200BD	1½"	1½" x 3"	1½"
SPPMBF200BD	1½"	2" x 3¼"	2"
SPPMBF220BD	2"	2" x 3¼"	2"
SPPMBF300BD	3"	3" x 4¾"	3"

As above with Viton Gasket

SPPMBF100BDV	1"	1" x 2"	1½"
SPPMBF150200BDV	1½"	1½" x 3"	1½"
SPPMBF200BDV	1½"	2" x 3¼"	2"
SPPMBF220BDV	2"	2" x 3¼"	2"
SPPMBF300BDV	3"	3" x 4¾"	3"

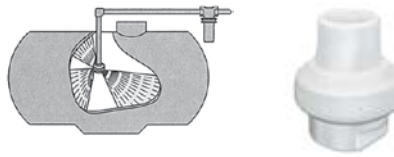


SUMP FITTING

- Threads into any 2" bulkhead fitting
- 1¼" FPT pump connection – good for pumps with up to 1½" suction
- 3/4" MPT agitation inlet
- 3/4" FPT agitation outlet
- 1/2" FPT drain

No.	Type
SPP5025P	Poly

TEEJET TANK RINSING NOZZLES



- Fluid driven rotation
- Mount with head up or down
- 6½" ft - 360° coverage
- Corrosion-resistant teflon
- Mounting connection 3/4" FPT
- Max. 300 PSI

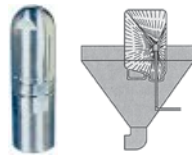
No.	Capacity U.S. GPM			
	20 PSI	30 PSI	40 PSI	50 PSI
SPP27500E-3/4-18-TEF	12.7	15.6	18	20



TEEJET NYLON CONTAINER RINSING NOZZLES

- 5 ft. Max tank diameter
- 1/2" FPT inlet
- 240° Spray coverage
- 150 PSI Max. • Max Temp. 200°F

No.	Mfg. No.
SPPVSM-1/2-28	VSM-1/2-28
SPPVSM-1/2-44	VSM-1/2-44
SPPVSM-1/2-90	VSM-1/2-90



TEEJET SS CONTAINER RINSING NOZZLES

- Rinses containers with 1½" diameter opening or larger for safe disposal
- Fluid driven rotation
- Spherical coverage
- 303 Stainless Steel & Teflon
- Inlet 1/2" FPT

No.	Capacity U.S. GPM				
	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI
SPP4368	3.5	4.3	5.0	5.6	6.1
SPP4369	4.9	6.1	7.0	7.8	8.6



150 ANSI FLANGES

150 PSI Max

No.	Size
SPPAF100	1"
SPPAF150	1½"
SPPAF200	2"
SPPAF300	3"
SPPAF400	4"

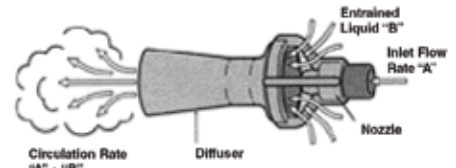


2" MANIFOLD ANSI FLANGE

150 PSI Max

Part No. **SPPMAF220**

TEEJET EDUCATOR NOZZLE



Approximate Flow Rate Performance	Model No.	Inlet Liquid Pressure							
		10 PSI	15 PSI	20 PSI	25 PSI	30 PSI	35 PSI	40 PSI	45 PSI
Inlet Flow Rate "A" (GPM)	Y33180-PP	9	11	12.7	14	16	17	18	20
	Y9270-PP	13.5	17	19	21	23	25	27	30
Entrained Liquid "B" (GPM)	Y33180-PP	36	44	50.8	56	64	68	72	80
	Y9270-PP	54	68	76	84	92	100	108	120
Circulation Rate "A" + "B" (GPM)	Y33180-PP	45	55	63.5	70	80	85	90	100
	Y9270-PP	67.5	85	95	105	115	125	135	150

- Allows small pumps to circulate large volumes of liquid
- Manufactured of glass filled polypropylene for excellent corrosion and chemical resistance
- Large flow opening minimizes plugging

No.	Size
SPPY33180-PP	3/8"
SPPY9270-PP	3/4"



NYLON TANK AGITATOR

Four orifices supplied with each agitator for flows of 7 to 16 GPM at 40 PSI. Install two in larger tanks using a nipple and female tee. Position agitator approx. 2" from bottom of tank.

No.
SPP3371-0019



POLY TANK AGITATOR

- Has built in bulk head fitting
- Mount horizontal approx. 2" from bottom
- Use two on tanks 250 gal. or more

No.	MPT	Cut Hole Size
SPP502020	1/2"	1"



ANSI FLANGE GASKETS

No.	Size
EPDM	
SPPAF100G	1"
SPPAF150G	1½"
SPPAF200G	2"
SPPAF300G	3"
SPPAF400G	4"
Viton	
SPPAF100GV	1"
SPPAF150GV	1½"
SPPAF200GV	2"
SPPAF300GV	3"
SPPAF400GV	4"



TEEJET MODEL AA110 BRASS BODY

- Removable bonnet
- Stainless steel spring
- Ports: MPT in
FPT out

No.	Ports	PSI
SPPAA110-1/4-300	1/4"	0-300
SPPAA110-3/8-300	3/8"	0-300
SPPAA110-1/4-700	1/4"	300-700
SPPAA110-3/8-700	3/8"	300-700



TEEJET MODEL 23120

- Polypropylene Body
- 1/4" blind port for pressure gauge
- Comes standard with
- EPDM o-ring and stainless steel spring

No.	Ports	PSI
SPP23120PP-1/2	1/2"	150
SPP23120PP-3/4	3/4"	150

Same as above with Viton o-ring, 316 SS spring

No.	Ports	PSI
SPP23120A-PP-1/2	1/2"	150
SPP23120A-PP-3/4	3/4"	150



TEEJET MODEL 6815 ALUMINUM CONSTRUCTION

- Stainless steel spring
- Pressures available for accurate control of various flows
- Ports: MPT Inlet, FPT Outlet

No.	Ports	PSI
SPP6815-1/2AL-50	1/2"	50
SPP6815-3/4AL-50	3/4"	50
SPP6815-1/2AL-300	1/2"	300
SPP6815-3/4AL-300	3/4"	300
SPP6815-1/2AL-700	1/2"	700
SPP6815-3/4AL-700	3/4"	700



TEEJET MODEL AA110 ALUMINUM BODY

- Removable bonnet
- Stainless steel spring
- Ports: MPT in
FPT out

No.	Ports	PSI
SPPAA110-1-AL	1"	150
SPPAA110-11/4-AL	1 1/4"	150
SPPAA110-11/2-AL	1 1/2"	150



TEEJET MODEL 8460 DIAPHRAGM TYPE PRESSURE RELIEF VALVE

- Extra large passages to handle large flows
- Not affected by vibration
- Positive lock to hold adjustment screw in place
- Aluminum Bonnet
- Flow rate to 56 GPM 1/2" Ports
- Flow rate to 70 GPM 3/4" Ports

No.	Ports	PSI
Nylon Body / Aluminum Bonnet		
SPP8460-1/2-50	1/2"	50
SPP8460-3/4-50	3/4"	50
SPP8460-1/2-300	1/2"	300
SPP8460-3/4-300	3/4"	300

Brass Body / Aluminum Bonnet		
SPP9840-1/2-300	1/2"	300
SPP9840-3/4-300	3/4"	300

Aluminum Body / Aluminum Bonnet		
SPP9840-1/2AL300	1/2"	300
SPP9840-3/4AL300	3/4"	300

Ductile Iron Body / Aluminum Bonnet		
SPP9840-1/2DI300	1/2"	300
SPP9840-3/4DI300	3/4"	300



TEEJET MODEL 6815 BRASS BODY

- Stainless steel spring
- Pressures available for accurate control of various flows
- Ports: MPT Inlet, FPT Outlet

No.	Ports	PSI
SPP6815-1/2-50	1/2"	50
SPP6815-3/4-50	3/4"	50
SPP6815-1/2-300	1/2"	300
SPP6815-3/4-300	3/4"	300
SPP6815-3/4-HSS-300	3/4"	300
SPP6815-1/2-700	1/2"	700
SPP6815-3/4-700	3/4"	700



TEEJET MODEL 110 BRASS BODY

- Removable bonnet
- Stainless steel spring
- Ports: MPT in
FPT out

Mfg. No.	Ports	PSI
SPPAA110-1	1"	150
SPPAA110-11/4	1 1/4"	150
SPPAA110-11/2	1 1/2"	150



TEEJET TYPE 23520 THROTTLING VALVE

- Polypropylene body
- Excellent chemical resistance
- Max. 150 PSI
- Max. 100°F
- Ports: In - MPT, Out - FPT

No.	Ports
SPP23520-1/2	1/2"
SPP23520-3/4	3/4"



NYLON PRESSURE REGULATOR VALVE

Mfg. No.	Ports	PSI
SPP13895-7	3/4"	250

MANUAL CONTROL VALVE

- Wetted parts are poly or stainless steel
- Max. 150 PSI
- 12.5 GPM at 5 PSI pressure drop
- 1/4" FPT gauge port
- Use hex nipples to combine for multiple boom control

No.	Inlet FPT	Boom FPT
SPPAA6B	3/4"	1/2"

TEEJET "T" VALVE

- Raise lever to open, lower to close
- Tee valve remains closed during boom selection
- Aluminum, stainless steel & plastic construction
- Max. 300 PSI
- Complete control of any three section boom

No.	Inlet FPT	Boom Con. FPT	Bypass FPT
SPPAA17L	3/4"	1/2"	3/4"
SPPAA17Y	1"	3/4"	3/4"



TEEJET TYPE 12690 THROTTLING VALVE

- Nylon body
- Max. 125 PSI
- Max. 150°F
- Ports: In - MPT, Out - FPT

No.	Ports
SPP12690-1/2	1/2"
SPP12690-3/4	3/4"



TEEJET TYPE 12795 THROTTLING VALVE

- Brass construction
- Max. 150 PSI
- Max. 150°F
- Ports: In - MPT, Out - FPT

No.	Ports
SPP12795-1	1"
SPP12795-1-1/4	1 1/4"
SPP12795-1-1/2	1 1/2"

SPRAY CONTROLLERS & MONITORS

TEEJET DIRECTOVALVE 144A



- Replaces 144 & 144H Models
- For pressure up to 100 PSI
- 10 GPM flow with only 5 PSI pressure drop
- 2.5 amp current draw
- Polypropylene body
- Fabric reinforced diaphragms
- EPDM Diaphragm Standard - Viton available

Repair Parts #144A	
SPP35-50024	KIT (EPDM)
SPPPK-AB144A-1-VI-KIT	(Viton)
SPPCP15163-NYB	Coil 144A
Repair Kits for Older 144 & 144H	
SPPPK-AB144-1-KIT	Kit (EPDM)
SPPPK-AB144-1-VI-KIT	Kit (Viton)

No.	Inlet	Outlet
SPPAA144A-1	3/4"	1/2"
SPPAA144A-3	3/4"	1/2"

TEEJET DIRECTOVALVE 144P



- Internal parts are made from 430 Stainless steel for excellent corrosion resistance
- Solenoid requires no adjustment
- Extruded aluminum mounting slots fits 6mm hex bolt

No.	Inlet	Outlet
SPPAA144P-1	3/4"	1/2"
SPPAA144P-3	3/4"	1/2"
Repair Parts for 144P Valves		
SPPPK-AB144P-1-KIT		

TEEJET DIRECTOVALVE 145P

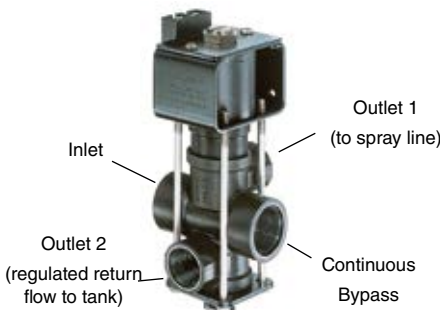


145H Control Valves

- For pressure to 100 PSI; 15 GPM flow with 5 PSI pressure drop
- 2.9 AMP current draw
- Fiberglass reinforced nylon body
- EPDM Diaphragm Standard - Viton available

No.	Description
SPPAA145H-1	1" x 1"
Repair Parts #145 & #145H	
SPPPK-AB145H-KIT (EPDM Kit)	
SPPAB145H-VI-KIT (Viton Kit)	
SPPCP18605-NYB Coil	

TEEJET DIRECTOVALVE 144A-3 WAY VALVE



The three-way solenoid-operated DirectoValve control valve bypasses boom flow to maintain constant spraying pressure when one or more boom sections are shut off. To maintain pressure with a 83520-PP Throttling Valve, Outlet 2 must be throttled to match the total capacity of the nozzles on that boom section.

- For pressure to 65 PSI
- 8 GPM flow at only 5 PSI pressure drop
- 2 amp current draw
- Encapsulated 12 VDC coil
- Poly & Stainless Steel wetted parts
- EPDM Rubber parts - Viton available

Part No.
SPPAA144A-1-3

Repair Parts #144A-1-3	
SPPPK-AB144A-1-3-KIT (EPDM Kit)	
SPPPK-AB144A-1-3-VI-KIT (Viton Kit)	
SPPCP15163-NYB Coil	

TEEJET DIRECTOVALVE 144P-3 WAY VALVE



The 144P-1-3 three-way solenoid operated DirectoValve control valve was specifically designed to provide bypass control in spraying applications. When used with part number 23520-PP throttling valve or a 4916 metering orifice plate in the bypass line, it can provide for a constant spray system.

- For pressure to 65 PSI (4.5 bar)
- 5 PSI pressure drop with 8 GPM
- Fabric reinforced Viton diaphragms
- Nylon encapsulated 12 VCD coil with 1/4 Quick Connect terminals
- Glass filled polypropylene valve body
- Stainless steel internal metal parts
- No stroke adjustment needed
- Corrosion-resistant, 430SS solenoid grade armature and armature stop

Mfg. No.	Inlet	Outlet
SPPAA144P-1-3	3/4"	1/2"

Call for information if part numbers are not listed (-)

1-888-937-7278

SPST & DPDT EXPLAINED

SP and DP refer to single pole and double pole, ST and DT refer to single throw and double throw.

Pole refers to the number of circuits controlled by the switch: SP switches control only one electrical circuit. DP switches control two independent circuits (and act like two identical switches that are mechanically linked). Do not confuse 'pole' with 'terminal'. The DPST switch, for example, has 4 terminals, but it is a DP, not a 4P switch.

Throw refers to the extreme position of the actuator: ST switches close a circuit at only one position. The other position of the handle is Off. DT switches close a circuit in the Up position, as well as the Down position (On-On). A DT switch can also have a center position (frequently On-Off-On).

SPST (Single Pole Single Throw)

- Switch in **ON** position = Circuit is connected / Electricity runs to actuator to open valve
- Switch in **OFF** position = Circuit is broken / No electricity to actuator, valve closes

DPDT (Double Pole Double Throw)

- Switch in **ON** position = Circuit #1 is connected / Electricity runs to actuator, valve opens
 - Switch in **OFF** position = Circuit #2 is connected / Electricity runs to actuator in opposite direction (polarity is reversed), valve closes
- DPDT is more advantageous than SPDT since it can turn on and turn off different appliances at the same time. The SPDT system can only accommodate and power one appliance at a time.

DIRECTOVALVE 344 SERIES ELECTRIC SHUTOFF VALVES



- 344B shutoff ball valves are available with EC (SPST switch) or E (DPDT switch) series motors
- 22 RPM, 0.7 second shutoff fully open to close
- Flexible inlet/outlets provide quick simple plumbing for a single valve
- Available in 2-way or 3-way versions. 2-way valves allow complete shutoff while the 3-way valves divert flow to a bypass line when boom controls are shut off
- Stainless steel stem with polypropylene ball
- Maximum pressure rating is 300 PSI
- Flow rate for the 344BEC 2-way valve is 32 GPM with a 5 PSI pressure drop, 45 GPM at a 10 PSI pressure drop
- Flow rate for the 344BEC 3-way valve is 24 GPM with a 5 PSI pressure drop, 34 GPM at a 10 PSI pressure drop
- Wetted parts are Nylon, Teflon, polypropylene, stainless steel and Viton

DOUBLE POLE DOUBLE THROW

No.	Ports	FPT
SPP344BE-23-C	2 way	3/4"
SPP344BE-24-C	2 way	1"
SPP344BE-2F-C	2 way	Flange
SPP344BE-33-C	3 way	3/4"
SPP344BE-34-C	3 way	1"

SINGLE POLE SINGLE THROW

No.	Ports	FPT
SPP344BEC-23-C	2 way	3/4"
SPP344BEC-24-C	2 way	1"
SPP344BEC-2F-C	2 way	Flange
SPP344BEC-33-C	3 way	3/4"
SPP344BEC-3F-C	3 way	1"
SPP344BEC-3F-C	3 way	Flange

Replacement BEC Motor ~ **Part No. SPP50515-22CP05**

Replacement BE Motor ~ **Part No. SPP50533-22C05**



AA244C REMOTE CONTROL ELECTRIC REGULATING BUTTERFLY VALVE

The AA244C remote control electric regulation valve has been specifically designed to provide remote pressure control in agricultural applications using DirectoValve AA144A or AA145 solenoid shutoff valves.

- 100 PSI Max.
- Low current draw (0.10 AMP)
- 20 second response time

No.	Mfg. No.	FPT
SPPAA244C-3/4	AA244C-3/4	3/4"



344BRL SERIES ELECTRIC REGULATING VALVE

- 300 PSI Max.
- 27 GPM @ 5 PSI drop
- 38 GPM @ 10 PSI drop
- 1 RPM motor speed
- Less than 1 AMP consumption

No.	FPT	Ports
SPP344BRL-23-01CCS	3/4"	2 way
SPP344BRL-24-01C	1"	2 way



344BPR SERIES ELECTRIC REGULATING VALVE

- 300 PSI Max.
- 12 GPM @ 5 PSI drop
- 17 GPM @ 10 PSI drop
- 1 RPM motor speed
- Less than 1 AMP consumption

No.	FPT	Ports
SPP344BPR-23-01C	3/4"	2 way
SPP344BPR-24-01C	1"	2 way

TEEJET DIRECTOVALVE 346 SERIES

- 25 RPM, 0.6 second shutoff fully open to close
- Available in 2-way or 3-way versions. 2-way valves allows complete shutoff while the 3-way valves divert flow to a bypass line when boom controls are shut off
- The flow rate for the 346BEC 2-way valve is 100 GPM (379 l/min) with 5 PSI (0.34 bar) pressure drop, 141 GPM (534 l/min) with 10 PSI (0.69 bar) pressure drop
- The flow rate for the 346BEC 3-way valve is 64 GPM (242 l/min) with a 5 PSI (0.34 bar) pressure drop, 91 GPM (344 l/min) with 10 PSI (0.69 bar) pressure drop
- Polypropylene ball with stainless steel stem
- Maximum pressure rating of 150 PSI (10 bar)
- Wetted parts made of corrosion-resistant materials, glass-reinforced polypropylene, Teflon®, stainless steel and Viton®



346BEC-25-C Valve



346BEC-35-C Valve

No.	Description
-	1¼" 2-Way Directo Valve - DPDT
-	1½" 2-Way Directo Valve - DPDT
-	1¼" 3-Way Directo Valve - DPDT
-	1½" 3-Way Directo Valve - DPDT
SPP346BEC-25-C	1¼" 2-Way Directo Valve - SPST
-	1½" 2-Way Directo Valve - SPST
SPP346BEC-2F-C	50 Series 2-Way Directo Valve - SPST
-	1¼" 3-Way Directo Valve - SPST
SPP346BEC-36-C	1½" 3-Way Directo Valve - SPST
SPP346BEC-3F-C	50 Series 3-Way Directo Valve - SPST

BANJO LEV SERIES ELECTRIC PUSH LOCK VALVES

- 12 Volt DC
 - John Guest® fittings
 - Fiberglass reinforced polypropylene
 - Max Pressure = 150 PSI @ 70°F
 - Stationary current draw: less than 0.04 amps
 - Rotating current draw: less than 0.40 amps
 - Stall current: 0.75 amps
 - TFM seats
 - Integrated mounting slot
- Response time: 1/3 sec open to close
 - EPDM seals
 - Standard 3 wire configuration



No.	Description
SPPLEV025PL	¼" Electric valve
SPPLEV025PLST	¼" Electric valve w/ spray tip adapter
SPPLEV038PLST	3/8" Full Port electric valve
SPPLEV038PLST	3/8" Full Port electric valve w/ tip adapter
SPPLEV050PL	½" Electric valve

DIRECTOVALVE SOLENOID FOAM MARKER VALVES



TEEJET AA144F-1-3

The 144F-1-3 three-way operated Directo Valve was designed for use with foam markers. With electrical power off, flow to outlet 1 is stopped and liquid flows to outlet 2. With electrical power on, flow to outlet 2 is stopped and liquid flows to outlet 1.

No.	FPT x FPT
SPPAA144F-1-3	3/4" x 1/2"
Repair Parts	
SPP35-50024	EPDM Kit
SPPCP15163-NYB	Coil

- Operating pressure range 0-50 PSI
- Large flow capacities, 5 PSI (0.35 bar) pressure drop with 8 GPM (30 l/min) flow
- Nylon encapsulated 12VDC coil with 1/4" quick connect terminals.
- Glass-filled polypropylene (black) valve body
- Internal metal parts are made of brass, fasteners are made of stainless steel, other metal parts are zinc-plated.
- Chemical-resistant EPDM rubber seat washer and diaphragm

3-WAY SIDE LOAD ELECTRIC MANIFOLD VALVES



- 316 stainless steel ball & stem.
- Fiberglass reinforced polypropylene.
- Glass reinforced PTFE seats.
- FKM (viton type) or EPDM O-rings.
- 12-volt DC operated.
- 150 P.S.I. maximum pressure.
- Internally fused/automatic reset.
- Open/closed indicator.

3-WAY BOTTOM LOAD ELECTRIC MANIFOLD VALVES



- 316 stainless steel ball & stem.
- Fiberglass reinforced polypropylene.
- Glass reinforced PTFE seats.
- FKM (viton type) or EPDM O-rings.
- 12-volt DC operated.
- 150 P.S.I. maximum pressure.
- Internally fused/automatic reset.
- Open/closed indicator.

No.	Mfg. No.	Description
On/Off - 3/4 to 1 1/4 Sec. Response Time		
-	MEV100SLCF	1" Full Port Electric Valve
SPPMEVR200SLCF	MEVR200SLCF	2" Standard Port Electric Valve
SPPMEV220SLCF	MEV220SLCF	2" Full Port Electric Valve
Regulating - 4 Sec. Response Time		
SPPMEVR100SLCF	MEVR100SLCF	1" Full Port Electric Valve
SPPMEVR200SLCF	MEVR200SLCF	2" Standard Port Electric Valve
SPPMEVXR220SL	MEVXR220SL	2" Full Port Electric Valve

No.	Mfg. No.	Description
On/Off - 3/4 to 1 1/4 Sec. Response Time		
SPPMEV100BLCF	MEV100BLCF	1" Full Port Electric Valve
SPPMEV200BLCF	MEV200BLCF	2" Standard Port Electric Valve
SPPMEV220BLCF	MEV220BLCF	2" Full Port Electric Valve

BANJO 3-WAY ELECTRIC VALVE THREADED W/FLANGE INLET



- 316 SS ball & stem
- Stainless steel hardware
- Fiberglass reinforced poly
- Glass reinforced PTFE seats
- FKM (viton) or EPDM O-rings
- Max. 150 PSI @ 70°F
- Open/closed indicator.

BANJO FULL PORT THREADED ELECTRIC VALVES



- 316 SS ball & stem
- Stainless steel hardware
- Fiberglass reinforced poly
- Glass reinforced PTFE seats
- FKM (viton) or EPDM O-rings
- Max. 150 PSI @ 70°F
- Open/closed indicator

No.	Mfg. No.	Pipe Size
On/Off - 1 1/4 Sec. Response Time		
SPPEV204FP	EV204FP	2"
Regulating - 4 Sec. Response Time		
SPPEVR204FP	EVR204FP	2"
On/Off - 3 Sec. Response Time - 100 PSI		
SPPEV300FP	EV300FP	3"

BANJO THREADED ELECTRIC VALVES



- 316 SS ball & stem
- Stainless steel hardware
- Fiberglass reinforced poly
- Glass reinforced PTFE seats
- FKM (viton) or EPDM O-rings
- Max. 150 PSI @ 70°F
- Open/closed indicator

No.	Mfg. No.	Pipe Size
On/Off - 3/4 Sec. Response Time		
SPPEV075	EV075	3/4"
SPPEV100FP	EV100FP	1"
SPPEV125	EV125	1 1/4"
On/Off - 1 1/4 Sec. Response Time		
SPPEV150	EV150	1 1/2"
SPPEV200	EV200	2"
Regulating - 4 Sec. Response Time		
SPPEVR075	EVR075	3/4"
SPPEVR100FP	EVR100FP	1"
SPPEVR125	EVR125	1 1/4"
SPPEVR150	EVR150	1 1/2"
SPPEVR200	EVR200	2"

BANJO ELECTRIC MANFOLD VALVE

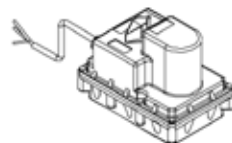


- 316 SS ball & stem
- Fiberglass reinforced poly
- Glass reinforced PTFE seats
- FKM (viton) or EPDM O-rings
- Max. 150 PSI
- Internally fused/automatic reset
- Open/closed indicator

No.	Mfg. No.	Port
3/4 to 1 1/4 Sec. Response Time		
SPPMEV100CF	MEV100CF	1" Full
SPPMEV200CF	MEV200CF	2" Standard
SPPMEV220CF	MEV220CF	2" Full
SPPMEV300CF	MEV300CF	3" Full
4 Sec. Response Time		
SPPMEVR100CF	MEVR100CF	1" Full
SPPMEVR200CF	MEVR200CF	2" Standard
SPPMEVR220CF	MEVR220CF	2" Full

Replacement Valve Sub Assembly

No.	Size
SPPMEV200XR1	2"
SPPMEV220XR1	2" Full Port
SPPMEV300XR1	3"



REPLACEMENT MOTORS

No.	Valve Size	Description
SPPEV3300	3/4", 1", 1 1/4"	3/4 Second 3 Wire Assembly
SPPEV4300	1 1/2", 2"	1 1/4 Second 3 Wire Assembly

1" BANJO ELECTRIC MANIFOLD VALVE ASSEMBLIES



No.	Bank
-	2
SPPMEV103CF	3
SPPMEV104CF	4
SPPMEV105CF	5

- Max. 150 PSI
- 2" Inlet, 1" Outlet
- Positive seals
- 360° orientation
- No threads, no sealant & no pipe tape
- Heavy duty glass filled polypropylene

- Very low current draw
- Body-glass filled nylon
- Wetted metal parts 304 and 403 stainless steel
- Viton seals (AFAS available)
- 5% pressure drop across valve
- Max. Temp. 120°F

- Foam & dye marker liquid control
- Boom end nozzle control
- Chemical injection systems
- ATV and estate sprayer boom control
- 12-Volt DC

2201A SOLENOID VALVE



- High pressure and high volume
- Max. 125 PSI
- Max. Flow 1 GPM
- Max. Amps 1.1
- Ports 1/4" FPT

No.	Orifice Size
SPPSV.2201A	.148

2202 SOLENOID VALVE



- Low pressure and high volume
- Max. 50 PSI
- Max. Flow 1 GPM
- Max. 0.85 Amps
- Ports 1/4" FPT

No.	Orifice Size
SPPSV.2202A	.148

E-CHIP™

2203 SOLENOID VALVE



- High pressure and low volume
- Max. 125 PSI
- Max. Flow 1/2 GPM
- Max. 0.85 Amps
- Ports 1/4" FPT

No.	Orifice Size
SPPSV.2203A	.105

2206 SOLENOID VALVE



- Very high pressure and low volume
- Max. 200 PSI
- Max. Flow .22 GPM
- Max. Amps 0.85
- Ports 1/4" FPT

No.	Orifice Size
SPPSV.2206A	.070

2600 SERIES 12 VOLT NOZZLE BODY VALVES



- Ideal for individual nozzle control
- Accepts standard caps & gaskets
- Max Temp. 120°F
- Max. Amps 0.85/1.1
- Ports 1/4" FPT

No.	Max. GPM	Max. PSI
SPP2601	1 GPM	125
SPP2602	1 GPM	50
SPP2603	1/2 GPM	125

2204 3-WAY SOLENOID VALVE



- Ideal for use on markers to switch flow to desired booms
- Max. 40 PSI
- Max. Flow 1/2 GPM
- Max. Amps 0.85
- Ports 1/4" FPT

No.	Orifice Size
SPPSV.2204A	.105

2504 3-WAY SOLENOID VALVE



- Ideal for foam markers
- Max. 75 PSI
- Max. Flow 2 GPM
- Max. Amps 1.1
- Ports 1/2" FPT

No.	Orifice Size
SPPSV.2504B.WP	.220

2505 3-WAY SOLENOID VALVE



- Ideal for small sprayers
- Max. 80 PSI
- Max. Flow 2 GPM
- Max. Amps 1.7
- Ports:
3/4" FPT Inlet & Bypass
1/2" FPT Outlet

No.	Valves
SPP2505-1	1
SPP2505-3	3

3000 SERIES 3-WAY SOLENOID VALVE



- 3/4" FPT In & 3/4" MPT Out
- 1/2" FPT Outlet (Boom)
- Current draw 1.1 Amp at 12 Volt DC
- Can be interconnected for multiple boom control

No.	Max. GPM	Max. PSI
SPPSV.3012A	3.1	80
SPPSV.3018A	4	60



1999 SERIES 12-VOLT SOLENOID

- Suitable for wettable powders
- Low pressure loss, 5 PSI at 10 GPM
- Low power draw: 2.4 amps at 12 volt
- Viton seals and O-Rings
- Wetted parts stainless steel or glass filled nylon
- Max. Temp. 120°F • Max. 125 PSI

No.	Mfg. No.	Valves	Inlet / Bypass FPT x MPT	Boom FPT
SPPSV.1999A.3V	1999	1	1" x 1"	3/4"
SPPSV.1999A.3V	1999-3	3	1" x 1"	3/4"
SPP2045	2045		Repair Kit	
SPPKT.2517	2517		Repair Kit	

MODEL 2501 12-VOLT SOLENOID

- Max. 125 PSI
- Max. 6 GPM at 5 PSI pressure drop
- Viton seat & seal
- Max. Temp. 120°F



No.	Mfg. No.	Ports In/Out
SPPSV.2501B	2501	1/2" FPT
SPPKT.2352	2352	Repair Kit

2100A SERIES 12-VOLT SOLENOID

- Low pressure loss, 5 PSI at 15 GPM
- Low power draw: 2.4 amps at 12 volt DC
- Response time 1/2 second or less
- Screw together for multi-valve units
- Parts made from glass filled Nylon, Viton or Stainless Steel
- Max. 125 PSI
- Max. Temp. 120°F



No.	Mfg. No.	Valves	Inlet / Bypass FPT x MPT	Boom FPT
SPPSV.2100C.1V	SV.2100C.1V	1	3/4" x 3/4"	1/2"
SPPSV.2100C.3V	SV.2100C.3V	3	3/4" x 3/4"	1/2"
SPPKT.2255	KT.2255		Repair Kit	

2500 SERIES 12-VOLT SOLENOID

- Low power draw 1.7 amps at 12 volts
- Instant response time.
- 3/4" FPT Inlet; 3/4" MPT By Pass; 1/2" FPT Boom outlet.
- Weatherproof coil draws 1.7 amps at 12 volts.
- Wetted parts consist of 430 stainless steel, Viton with chemical resistant glass filled nylon body.
- Screw together for multi-valve units
- Max. Temp. 120°F
- Max. 5 PSI pressure loss at recommended flow.



E-CHIP™

No.	Mfg. No.	Valves	Max PSI	Recommended Flow
SPPSV.2500B.1	SV.2500B.1	1	100	0-10 GPM
SPPSV.2500B.3	SV.2500B.3	3	100	0-30 GPM
SPPSV.2502B.1	SV.2502B.1	1	175	0-8 GPM
SPPSV.2502B.3	SV.2502B.3	3	175	0-24 GPM
SPPKT.2352	KT.2352			Repair Kit

ACCESSORIES & REPAIR PARTS



PRESSURE ADAPTER

- Easy and efficient way to connect 1/8" gauge tubing to supply lines to monitor pressure
- Mount on 3/4" supply lines or boom lines

No.	MPT x FPT
SPPPL.2152	3/4" x 3/4"



ELECTRIC SPRAYER PRESSURE REGULATORS

- Equipped with a precision high torque motor and gear reduction
- High strength body
- Glass filled nylon body, SS motor, viton seal
- 150 PSI Max

No.	Mfg. No.	Description	GPM
SPPPR.1560A	PR.1560A	3/4" FPT with 3/4" orifice	50
SPPPR.1541A	PR.1541A	1" FPT with 1" orifice	15 to 100

CHEMICAL ISOLATOR KIT



- Keeps chemicals from entering tractor or truck cab
- Dampens and protects pressure gauge from corrosive chemicals
- 150 PSI Max
- Pre-filled with non-toxic RV antifreeze

No.	Description
SPPKT.2300	Kit with mounting bracket and fitting for 1/8" & 1/4" tubing

REMOTE CONTROL PARTS



No.	Description
SPPPL.1181	1/8" Adapter
SPP6052-04	1/8" Tube Union

RC-1B REPAIR PARTS

No.	Mfg. No.	Description
SPPSW.1214	1217	Black Plastic Switch
SPPSW.1175	1175	Pressure Reg. Switch
SPP2675	1213	100 PSI 2 1/2" Dry Gauge
SPPPG.1633	1633	300 PSI 2 1/2" Dry Gauge
SPPPG.1332L	1213L	100 PSI 2 1/2" Liq Gauge
SPPPG.1734L	1734L	160 PSI 2 1/2" Liq Gauge

RC-10N REPAIR PARTS

No.	Mfg. No.	Description
SPPSW.1175	1175	Pressure Reg. Switch
SPP1194	1194	0-100 1/8" NPT Gauge
SPP1330	1330	0-100 1/4" NPT Gauge

TIR E-CHIP™

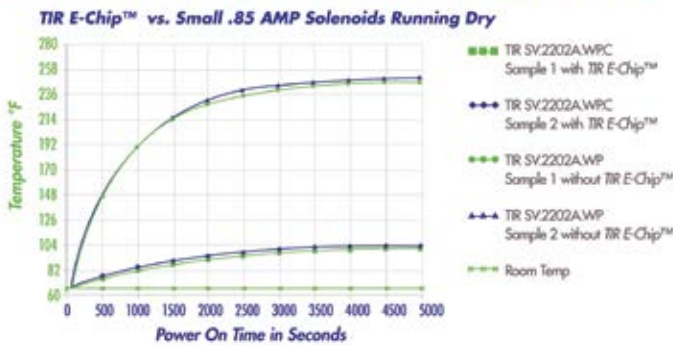
SAVE POWER, RUN COOLER

TIR E-CHIP™ SOLENOID VALVES

Texas Industrial Remcor is proud to announce the next step in solenoid valve development with our new TIR E-CHIP™. By integrating a small interface electronic board into the valve, the power consumption, input voltage, and operating temperatures are reduced.

Upon the introduction of power, the driver allows full current to the valve during a time called "Pull-in." After "Pull-in," amperage is reduced by 66% of normal valve amperage requirements. With this integration of the TIR E-CHIP™, coil discharge that causes reverse voltage also becomes less of an issue.

COMPARISON OF TEMPERATURE IN SOLENOID VALVES



MULTI-VALVE CONTROLLERS



RC-1B SERIES WITHOUT SOLENOID VALVES

Remote control system designed to give the operator complete and safe control of both spraying pressure and boom shut-down. The cab harness of the control console attaches to the spray harness with molded quick disconnects for quick and easy coupling of the sprayer to the tractor. Includes 0-100 PSI pressure gauge, adjustable mounting bracket, toggle-type regulator switch, master switch and on-off switches for 3 solenoid shutoff valves, 6 ft. cab harness, 8 ft. sprayer harness, fuseholder and fuse and high pressure gauge line encased in a tight-fitting jacket of the wiring harness.

No.	Gauge	Regulator
SPPCON.RC1B	Dry	1560A
SPPCON.RC1BL	Liquid	1560A

RC-10N SERIES

The RC-10N series is ideal for sprayers which require control over only one boom shutoff valve. Includes 0-100 PSI pressure gauge, 1988 mounting bracket, regulator switch, on-off boom switch, 8 ft. power cord with fuse holder and fuse, 15 ft. sprayer harness with encased high pressure gauge tubing which act as both a pressure transmitter and a pulsation dampener.



No.	Regulator	Valve
SPPCON.RC10N	1560A (3/4")	-
SPPCON.2055	1541A	1999A

RC-10N SERIES WITH 2100B SOLENOID VALVE

Control system with 1560A pressure regulator, 0-100 PSI pressure gauge, 2100B solenoid valve, and 2148 valve mounting bracket.

Part No. SPPCON.2180



RC-1B SERIES WITH 1999A SOLENOID VALVES

Standard control system equipped with 6 ft. cab harness, 8 ft. sprayer harness, nylon pressure regulator, solenoid shutoff valves, 3 valve switches, 0-100 PSI pressure gauge and a 1990 valve mounting bracket (175 PSI).



No.	Gauge	Regulator
SPPCON.2040.3	Dry	1541A
SPPCON.2040L.3	Liquid	1541A

RC-1B SERIES WITH 2100B SOLENOID VALVES

Standard control system equipped with 6 ft. cab harness, 8 ft. sprayer harness, nylon pressure regulator, solenoid shutoff valves, 3 valve switches, 0-100 PSI pressure gauge and a 2151 valve mounting bracket (125 PSI).



No.	Gauge	Regulator
SPPCON.2155.3	Dry	1560A
SPPCON.2155L.3	Liquid	1560A

RC-1B SERIES WITH 2500B SOLENOID VALVES

Standard control system equipped with 6 ft. cab harness, 8 ft. sprayer harness, 1560A nylon pressure regulator, solenoid shutoff valves, 3 valve switches, 0-100 PSI pressure gauge and a 2151 valve mounting bracket (100 PSI).



Part No. SPPCON.2380.3
Part No. SPPCON.2380L.3 ~ w/ Liquid Gauge

Call for information if part numbers are not listed (-)

1-888-937-7278



- Manual spray controller in a compact package.
- Choice of dry or liquid-filled 100 PSI (7 bar),
- 150 PSI (10 bar) or 300 PSI (20 bar).
- Lighted pressure gauge for night use.
- Heavy-duty switches with LED indicators.
- Available in a variety of kit forms using solenoid or ball type control valves.

MID-TECH [®] PART NUMBER (OLD SSCO NUMBER)	744A 3-SWITCH CONSOLE		HARNESS		BOOM VALVES			REGULATING VALVE	
	100 PSI GAUGE	300 PSI GAUGE	SOLENOID	BALL VALVE	NONE	144A-3	144P-3	244 BUTTERFLY	344-2RL BALL
KIT PART #	75-50033 (37203-100L-3)	75-50035 (37203-300L-3)	45-20090 (21725-8) 45-20091 (21720-8) 45-20100 (21478-2)	45-05385 45-10072 45-10080		35-50023 (AA144A-3)	35-50027 (AA144P-3)	35-50029 (21773-244C-3/4)	35-02087 (344BRL-24-01CCS)
90-50151 (744A-300L-3)		•		•	•				
90-50163 (AAK744A-100L-33S)	•		•			•		•	
90-50177 (AAK744A-100L-33P)	•		•				•	•	
90-50237 (AAK744A-300L-30B)		•		•	•				•

No.	Description
SPP90-50151	90-50151: 744A-300L-3 Control
SPP76703	744 Control Kit
SPP90-50177	Kit: 744 3-boom 100 PSI, w/244C 3/4 valve & 144P
SPP90-50237	Kit: 744 300L ball valve compatible

No.	Mfg. No.	Description
SPP75-50033	75-50033	744A 100 PSI gauge console
SPP1464	75-50035	744A 300 PSI gauge console
SPP76826	45-20091	Cable, 8' Extension
SPP45-20079	45-20079	Cable, 15' Extension
SPP45-20100	45-20100	Cable, Power
SPP76824	45-20090	8 ft. 3-section, End cable
SPP45-20089	45-20089	15 ft. 3-section, End cable
SPP45-20088	45-20088	18 ft. 3-section, End cable
SPP45-05385	45-05385	Ball valve, Power cable
SPP45-10072	45-10072	Ball valve, Console harness
SPP45-10080	45-10080	Ball valve, Valve harness

Sprayer Controls for 2400 & 2700 Series

2490

A single control system for sprayers which require control for only one motorized boom shutoff valve. Includes 0-200 PSI pressure gauge, control panel with mounting bracket, on-off boom switch and pressure regulator switch, 8 ft. power cord with fuse holder and fuse, 20 ft. sprayer harness and a 1541A (1") pressure regulator.

Part No. SPPCON.2490.WP



2460

A remote control system for sprayers which require control for one or two motorized boom shutoff valves. Equipped with 10 ft. cab harness & a 10 ft. sprayer harness with quick disconnects for easy coupling of the sprayer to the tractor. Includes 0-160 PSI pressure gauge, adjustable mounting bracket, toggle-type regulator switch, master switch, and on-off switches for 3 motorized shutoff valves, 8 ft. power cord, fuse holder with fuse, high pressure gauge line and a 1541A (1") pressure regulator.



No.	Gauge
SPPCON.2460.WP.3	Dry
SPPCON.2460L.WP.3	1734L Liquid

REDBALL MONITORS



MANIFOLD MODELS

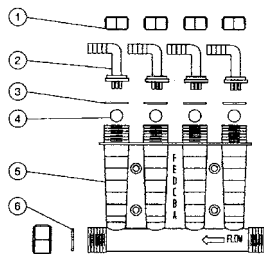
No.	Mfg. No.	Col.	HB
SPP6347	3376-0001	4	1/4"
SPP6348	3376-0002	4	3/8"
SPP6348-1	3376-0008	4	1/2"



SQUEEZE PUMP MODELS

No.	Mfg. No.	Col.	HB
SPP6350	3376-0006	2	3/8"
SPP6352	3376-0007	2	1/2"
SPP6348-5	3376-0003	4	1/4"
SPP6351	3376-0004	4	3/8"
SPP6349	3376-0005	4	1/2"

REDBALL REPLACEMENT PARTS



No.	Ill. No.	Description
SPP6357N	1	Monitor Nut
SPP6357E1	2	3/8" 90° Elbow w/Ret. Tips
SPP6357E2		1/2" 90° Elbow w/Ret. Tips
SPP6357S		1/4" Straight HB
SPP6357R	2	Order Ring Separate if Req.
SPP6357S1		1/4" Retaining Ring
SPP6357S2		3/8" Straight HB w/Ret. Tips
SPP6357E	3	3/4" EPDM Washer
SPP6357V		3/4" Viton Washer
SPP6357G	4	Red Glass Ball
SPP6357P		Red Plastic Ball
SPP6357SS		Stainless Steel Ball
SPP6357GP		Green Plastic Ball
SPP6357B	5	Black Plastic Ball
SPP6353		Monitor Body
SPP6357D	6	Blank Disk
Squeeze Pump Replacement Bodies (not installed)		
SPP6354	4 Col. Monitor Body	3/8" HB Inlet
SPP6355	2 Col. Monitor Body	3/8" HB Inlet
SPP6354-1	4 Col. Monitor Body	1/2" HB Inlet
SPP6355-1	2 Col. Monitor Body	1/2" HB Inlet

WILGER FLOW VIEW INDICATORS



MANIFOLD FLOW INDICATORS

- Connected together, one feed hose can supply multiple outlet hoses
- Up to 3 nozzles can be monitored by a single monitor
- 100 PSI Max

No.	Seal
Standard Flow Indicator Assembly	
SPP20460-00	Buna-N
SPP20460-V0	Viton
Low-Flow Indicator Assembly	
SPP20460-V0	Buna-N
SPP20470-V0	Viton
Ultra Low-Flow Indicator Assembly	
SPP20475-00	Buna-N
SPP20475-V0	Viton
Replacement Bodies	
SPP20475-V0	Standard body
SPP20470-01	Low-flow body
SPP20475-01	Ultra Low-flow body



ORS COLOR CODED METERING ORIFICES

- Larger orifice is easier to handle, take out and switch

No.	GPM
SPP21500-V007	0.067
SPP21500-V01	0.1
SPP21500-V015	0.15
SPP21500-V02	0.2
SPP21500-V025	0.25
SPP21500-V03	0.3
SPP21500-V04	0.4
SPP21500-V05	0.5
SPP21500-V06	0.6
SPP21500-V08	0.8
SPP21500-V10	1.0
SPP21500-V125	1.25
SPP21500-V15	1.5
SPP21500-V20	2.0



FLOW METERING ORIFICE PLATES

No.	Orifice Size
Buna-N Seal	
SPP21000-00	Blank
SPP21025-00	0.025 Orifice
SPP21055-00	0.055 Orifice
SPP21104-00	0.104 Orifice
SPP21250-00	0.250 Orifice
Viton Seal	
SPP21000-V0	Blank
SPP21025-V0	0.025 Orifice
SPP21055-V0	0.055 Orifice
SPP21104-V0	0.104 Orifice
SPP21250-V0	0.250 Orifice



ISOLATED FLOW INDICATORS

- Allows individual feed lines to be monitored
- Each fit together so fewer mounting fasteners are required
- Utilize o-ring seal and u-clip for outlet fitting
- Can utilize metering orifices to control flow
- 100 PSI Max
- Buna-N seal

No.	Description
SPP20480-00	Standard flow assembly
SPP20490-00	Low-flow assembly
Replacement Parts	
SPP20480-01	Standard flow body
SPP20490-01	Low-flow body
SPP20480-02	Buna-N accessory kit
SPP20480-03	Viton accessory kit

HOW THEY WORK

- ✓ Each indicator column supplies up to three nozzle tips
- ✓ In operation, balls hover at about the same level, depending on the flow rate
- ✓ A ball lower than the others indicates a plugged tip supplied by that column



REPLACEMENT PARTS FOR MANIFOLD & ISOLATED

No.	Description
SPP20460-04	Locking Clip
SPP20460-02	Ball Retainer
SPP20460-03	Buna-N O-ring for #212
SPP20460-15	Viton O-ring for #212
SPP20460-09	Black Poly Ball
SPP20460-13	Orange Poly Ball
SPP20460-08	Green Poly Ball
SPP20460-07	Red Celcon Ball
SPP20460-06	Red Glass Ball
SPP20460-05	1/2" SS Ball
SPP20460-10	7/16" SS Ball



REPLACEMENT O-RINGS

For metering orifices

No.	Description
SPP40225-04	Buna-N #015
SPP40225-05	Viton #015

O-RING SEAL MANIFOLDS

2 Outlet Splitter	
O-ring	No.
Viton	SPP20527-V0
Buna-N	SPP20527-00



O-ring	1 Outlet Manifold	2 Outlet Manifold	3 Outlet Manifold	4 Outlet Manifold
	No.	No.	No.	No.
Viton	SPP20571-V0	SPP20572-V0	SPP20573-V0	SPP20574-V0
Buna-N	SPP20571-00	SPP20572-00	SPP20573-00	SPP20574-00

ORS STRAIGHT HOSE BARB

No.	Size
Viton	
SPP20501-V0	3/8"
SPP20502-V0	1/2"
SPP20503-V0	3/4"
Buna-N	
SPP20501-00	3/8"
SPP20502-00	1/2"
SPP20503-00	3/4"

ORS 90° HOSE BARB

No.	Size
Viton	
SPP20511-V0	3/8"
SPP20512-V0	1/2"
SPP20514-V0	5/8"
SPP20513-V0	3/4"
Buna-N	
SPP20511-00	3/8"
SPP20512-00	1/2"
SPP20514-00	5/8"
SPP20513-00	3/4"



ORS 90° PUSH-IN TUBE

No.	Size
Viton	
SPP20516-V0	1/4"
SPP20528-V0	5/16"
SPP20517-V0	3/8"
Buna-N	
SPP20516-00	1/4"
SPP20528-00	5/16"
SPP20517-00	3/8"

ORS FPT FITTINGS

No.	Size
Viton	
SPP20519-V0	1/4"
Buna-N	
SPP20519-00	1/4"

ORS 90° FPT FITTINGS

No.	Size
Viton	
SPP20518-V0	1/4"
Buna-N	
SPP20518-00	1/4"



ORS TEES & OTHER FITTINGS

Description	O-ring	No.
90° ORS Elbow (ORS-M x ORS-F)	Viton	SPP20520-V0
	Buna-N	SPP20520-00
ORS Tee (ORS-M x ORS-M x ORS-F)	Viton	SPP20522-V0
	Buna-N	SPP20522-00
ORS Tee w/ 1/4" FPT (ORS-M x ORS-M x ORS-F x 1/4" FPT)	Viton	SPP20526-V0
	Buna-N	SPP20526-00
3/8" FPT x Blind ORS Tee (Blind ORS-F x ORS-M x 3/8" FPT)	Viton	SPP20523-V0
	Buna-N	SPP20523-00
3/8" FPT x ORS Tee (ORS-F x ORS-M 3/8" FPT)	Viton	SPP20524-V0
	Buna-N	SPP20524-00
2 Outlet ORS-F Splitter (ORS-F x ORS-F x ORS-M)	Viton	SPP20527-V0
	Buna-N	SPP20527-00
1" FPT x ORS Tee (ORS-M x ORS-M x 1" FPT)	Viton	SPP20525-V0
	Buna-N	SPP20525-00



ORS END CAPS & PLUGS

No.	Description
SPP20529-V0	Viton Male Plug
SPP20529-00	Buna-N Male Plug
SPP20521-00	Female End Cap
SPP20535-00	1/4" FPT
SPP20536-00	3/8" FPT
SPP20537-00	1/2" FPT

O-RING SEAL (ORS) CHECK VALVE BODIES

Description	O-ring	Dia.	Check Valve	Manual On/Off	Optional Nut
ORS Male to ORS Female	Viton	SPP20550-V0	SPP20551-V0	SPP20553-V0	
	Buna-N	SPP20550-00	SPP20551-00	SPP20553-00	
ORS Male to Combo-Jet Cap	Viton	SPP20560-V0	SPP20561-V0	SPP20563-V0	
	Buna-N	SPP20560-00	SPP20561-00	SPP20563-00	



SPRAY CONTROLLERS & MONITORS

WEATHERHAWK WINDMATE METERS



- Measures wind speed
- Displays current and maximum wind speed
- Reports 5, 10 and 15 second average
- Water resistant, shockproof and buoyant

Part No. SPPWM100



- Measures wind speed, direction, temperature, relative humidity, barometric pressure, wind chill, wet bulb, dew point, Delta T
- Comfort Index (Accuweather.com patented)
- Altitude
- Density Altitude
- Digital Compass
- Reports wind direction in both degrees and compass points
- Calculates head, tail and cross wind
- Displays a 48-hr history using a bar graph or numerical listing
- Water resistant and buoyant

Part No. SPPWM-350



- Measures wind speed, direction, temperature, relative humidity, wind chill, wet bulb, dew point, Delta T
- Comfort Index (Accuweather.com patented)
- Digital Compass
- Displays current, maximum and average wind speed
- Reports wind direction in both degrees and compass points
- Calculates head, tail and cross wind
- Water resistant and buoyant

Part No. SPPWM300



BLACK CARRY CASE WITH VELCRO FLAP

Part No. SPPAP-22

14 & 25 GALLON FOAM MARKERS



14 GALLON

- Poly tank
- Approx. 2½ to 4¾ hours of marking
- 34" x 16½"; Height: 16"
- Molded in bottom lugs for mounting
- Gas air compressor/Shurflo liquid pump
- 15 amps max draw

Part No. SPPLM1400



SPECIAL ORDER ONLY

25 GALLON

- Poly tank
- Approx. 4¼ to 8¾ hours of marking
- 35¾" x 18"; Height: 20"
- Molded in bottom lugs for mounting
- 12 volt air compressor/Shurflo liquid pump
- 15 amps max draw

Part No. SPPLM2500

1 GALLON FOAM CONCENTRATE



Agri-Foam is formulated for use in agricultural foam generators to mark edges of spray swath. Its thick, long-lasting foam will reduce or eliminate overlapping and skipping, to give more uniform results

and efficient use of expensive fertilizers, insecticides and herbicides.

No.	Mix
SPPSC80-1	80 to 1
SPPSC160-1	160 to 1

1 LITRE FOAM COLORING



Foam fluorescent allows you to see your foam concentrate in low light situations. Uses only 2 to 3 ml per 4 litres of water.

No.	Color
SPP8208	Red
SPP8210	Florescent

SPRAY TIP TOOL KIT



- Quickly find worn or plugged spray nozzle tips
- Verify application rates
- Clean plugged tips & strainers
- Calibrate your sprayer accurately

Kit Includes:

- Digital sprayer calibrator (SC-1)
- Air blast tip cleaner
- Tip multi-tool
- Sprayer output calculator
- Gloves & goggles
- Durable carrying case

Call for more information

MASTER APPLICATOR KIT



- Everything needed to calibrate, test and maintain sprayers
- Teach with the latest products
- Clears plugged spray tips with a 50 PSI air blast
- 4-in-1 spray tip maintenance tool includes: Utility hook, spanner wrench, plastic pick, brush

Kit Includes:

- Digital sprayer calibrator (SC-1)
- Air blast tip cleaner
- Tip multi-tool
- Pressure tester
- Wind meter
- Mini patternator
- Sprayer output calculator
- Gloves & goggles
- Durable carrying case

Call for more information

MINI PATTERNATOR



- Allows visualization of nozzle and sprayer coverage
- Water levels are highlighted with floating balls
- Perfect for demonstrations at clinics & classes
- Compact size for easy transport
- Reading in 10 seconds or less

Call for more information

WATER & OIL SENSITIVE PAPER



No.	Mfg. No.	Size	Qty.
SPP20301-1N	20301-1	3" x 1"	50
SPP20301-2N	20301-2	3" x 2"	50
SPP20301-3N	20301-3	20" x 1"	25

TIP CLEANER & MULTI-TOOL COMBO PACK



Get both the air blast nozzle cleaner and 4-in-1 tip tool multi-tool. These tools are designed specifically for spray tip and nozzle body cleaning and maintenance. The SpotOn Nozzle Cleaner provides a 50 PSI air blast for clearing debris from spray tips. The 4-in-1 Tip Tool features a brush, foldout plastic pick, spanner wrench, and utility hook that make tip maintenance quick and easy.

Call for more information



SPRAY TIP MULTI-TOOL



The 4-in-1 Tip Tool features a brush, foldout plastic pick, spanner wrench, and utility hook that make tip maintenance quick and easy. A must have tool for every sprayer operator.

Part No. SPW27790

TEEJET TIP CLEANING BRUSH



No.	Mfg. No.
SPPCP20016-NY	CP20016-NY

SPRAY NOZZLE PRESSURE TESTERS



SPOTON DIGITAL PRESSURE TESTER

- Digital display reads in PSI, Bars or KPA
- Uses industry standard quick connects
- Shock proof rubber covering protects against drops and mishandling
- 3.0 – 160.0 PSI
- Accuracy: +/- 2% or +/- 1 PSI
- Includes battery with 5 year life

Call for more information



PRESSURE TESTER

Easily snaps between nozzle and nozzle body

Part No. SPP60100-10

MULTI-LID



- Food grade, 32 ounce measuring cup attached to tank lid
- Garden hose port secures hose for safe and easy filling
- Fits sprayers with a 5" tank lid

Part No. SPF5194298

INVERSION TESTER



- Detects low level thermal inversions & measures air temperature at boom height as required for pesticide/herbicide application
- Range:0.0 to 150.0°F (-18.0 to 65.0°C)
- Replaceable CR2032 lithium battery

Part No. SPW35010

SPRAYER CALIBRATION CONTAINERS

SPOTON SC1



- Quickly find worn spray tips
- Readings in 10 seconds or less per tip
- Best for flow rates below 1 GPM
- 0.02 – 1.00 GPM (0.08 – 3.80 L/Min)
- Accuracy: +/- 2.5%

Call for more information

SPOTON SC4



- Quickly find worn spray tips
- Readings in 10 seconds or less per tip
- Best for flow rates between 1-4 GPM
- 0.07 – 4.00 GPM (0.27 – 15.0 L/Min)
- Accuracy: +/- 4%

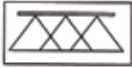
Part No. SPP60100-02

TEEJET CALIBRATION CONTAINER



- 68 oz. (2L) capacity
- Made of polypropylene

No.	Mfg. No.
SPPCP24034A-PP	CP24034A-PP



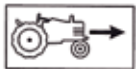
Broadcast Application

Sprayer calibration (1) **readies your sprayer for operation** and (2) **diagnoses tip wear**. This will give you optimum performance of your TeeJet® tips.

Equipment Needed:

- TeeJet Calibration Container
- Calculator
- TeeJet Cleaning Brush
- One new TeeJet Spray Tip matched to the nozzles on your sprayer
- Stopwatch or wristwatch with second hand

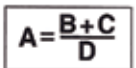
Step 1



Check Your Tractor/Sprayer Speed!

Knowing your real sprayer speed is an essential part of accurate spraying. Speedometer readings and some electronic measurement devices can be inaccurate because of wheel slippage. Check the time required to move over a 100- or 200-foot strip on your field. Fence posts can serve as permanent markers. The starting post should be far enough away to permit your tractor/sprayer to reach desired spraying speed. Hold that speed as you travel between the "start" and "end" markers. Most accurate measurement will be obtained with the spray tank half full. Refer to the table on page 173 to calculate your real speed. When the correct throttle and gear settings are identified, mark your tachometer or speedometer to help you control this **vital** part of accurate chemical application.

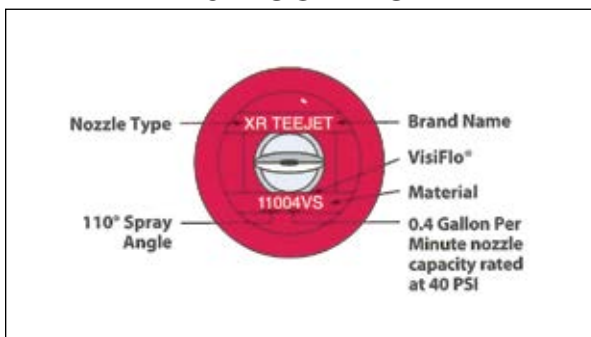
Step 2



The Inputs

Before spraying, record the following:	EXAMPLE
Nozzle type on your sprayer.	TT11004 Flat Spray Tip
(All nozzles must be identical)	
Recommended application volume20 GPA
(From manufacturer's label)	
Measured sprayer speed6 MPH
Nozzle spacing.20 Inches

IDENTIFYING YOUR NOZZLE



Step 3



Calculating Required Nozzle Output

Determine GPM nozzle output from formula.

FORMULA: $GPM = \frac{GPA \times MPH \times W}{5,940 \text{ (constant)}}$

EXAMPLE: $GPM = \frac{20 \times 6 \times 20}{5,940} = \frac{2,400}{5,940}$

ANSWER: 0.404 GPM

Step 4



Setting the Correct Pressure

Turn on your sprayer and check for leaks or blockage. Inspect and clean, if necessary, all tips and strainers with TeeJet brush. Replace one tip and strainer **with an identical new tip and strainer** on sprayer boom.

Check appropriate tip selection table and determine the pressure required to deliver the nozzle output calculated from the formula in Step 3 for your new tip. Since all of the tabulations are based on spraying water, conversion factors must be used when spraying solutions that are heavier or lighter than water (see page 174).

Example: (Using above inputs) refer to TeeJet table on page 9 for TT11004 flat spray tip. The table shows that this nozzle delivers 0.40 GPM at 40 PSI.

Turn on your sprayer and adjust pressure. **Collect and measure the volume of the spray from the new tip for one minute in the collection jar.** Fine tune the pressure until you collect .40 GPM.

You have now adjusted your sprayer to the proper pressure. It will properly deliver the application rate specified by the chemical manufacturer at your measured sprayer speed.

Step 5



Checking Your System

Problem Diagnosis: Now, check the flow rate of a few tips on each boom section. If the flow rate of any tip is 10 percent greater or less than that of the newly installed spray tip, recheck the output of that tip. If only one tip is faulty, replace with new tip and strainer and your system is ready for spraying. However, if a second tip is defective, **replace all tips on the entire boom**. This may sound unrealistic, but two worn tips on a boom are ample indication of tip wear problems. Replacing only a couple of worn tips invites potentially serious application problems.



Banding and Directed Applications











The only difference between the above procedure and calibrating for banding or directed applications is the input value used for "W" in the formula in Step 3.

For single nozzle banding or boomless applications:

$W = \text{Sprayed band width or swath width (in inches)}$

For multiple nozzle directed applications:

$W = \text{Row spacing (in inches) divided by the number of nozzles per row}$

	HERBICIDES			FUNGICIDES		INSECTICIDES		FERTILIZER		DRIFT MANAGEMENT
	SOIL APPLIED	POST-EMERGENCE CONTACT	POST-EMERGENCE SYSTEMIC	CONTACT	SYSTEMIC	CONTACT	SYSTEMIC	BROAD-CAST	DIRECTED	
 <i>XR, XRC TeeJet</i>		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD			GOOD
 <i>Turbo TeeJet</i>		VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD			VERY GOOD
 <i>Turbo TwinJet</i>	GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT			VERY GOOD
 <i>AI3070 TeeJet</i>				EXCELLENT	EXCELLENT					VERY GOOD
 <i>AIXR TeeJet</i>	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT			EXCELLENT
 <i>Air Induction Turbo TwinJet</i>	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT			EXCELLENT
 <i>AI, AIC TeeJet</i>	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	VERY GOOD		EXCELLENT
 <i>Turbo TeeJet-Induction</i>	EXCELLENT		EXCELLENT		EXCELLENT		EXCELLENT	EXCELLENT		EXCELLENT
 <i>StreamJet SJ7</i>								EXCELLENT	VERY GOOD	EXCELLENT
 <i>StreamJet SJ3</i>								VERY GOOD	EXCELLENT	EXCELLENT

Note: Consult the chemical manufacturer's product label for specific rate and application recommendations

		HERBICIDES			FUNGICIDES		INSECTICIDES	
		PRE-EMERGENCE	POST-EMERGENCE		CONTACT	SYSTEMIC	CONTACT	SYSTEMIC
			CONTACT	SYSTEMIC				
BANDING	 <i>AI TeeJet⁺ EVEN</i>	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 <i>TeeJet⁺ EVEN</i>	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD
	 <i>TwinJet⁺ EVEN</i>		EXCELLENT		EXCELLENT		EXCELLENT	
DIRECTED SPRAYING	 <i>AI TeeJet⁺ EVEN</i>	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 <i>TeeJet⁺ EVEN</i>	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	 <i>TwinJet⁺ EVEN</i>		VERY GOOD		VERY GOOD		VERY GOOD	
	 <i>AIUB TeeJet</i>		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 <i>AITX ConeJet</i>		GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT
	 <i>ConeJet</i>		EXCELLENT		EXCELLENT		EXCELLENT	
	 <i>ConeJet</i>		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD
AIR BLAST	 <i>Disc-Core</i>		EXCELLENT	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD



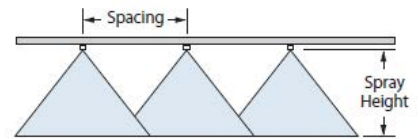
TEEJET (TP)

VISIFLO FLAT SPRAY TIPS

- Tapered edge flat spray pattern for uniform coverage in broadcast spraying
- Automatic spray alignment with SPPCP114440-*-CE (CP114440-*-CE) Quick Teejet cap and gasket
- Automatic spray alignment for sizes 10 through 20 with SPP25610-*-NYR (25610-*-NYR) Quick Teejet cap and gasket (See page 73)



TIPO	PSI	DROPS PER MIN	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.			
					20°										2 MPH	3 MPH	4 MPH	5 MPH
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH		
TP65005†	30		0.043	5.5	3.2	2.6	2.1	1.6	1.3	1.1	0.85	0.64	0.15	0.10	0.07	0.06		
TP80005†	35		0.047	6.0	3.5	2.8	2.3	1.7	1.4	1.2	0.93	0.70	0.16	0.11	0.08	0.06		
TP110005†	40		0.050	6.4	3.7	3.0	2.5	1.9	1.5	1.2	0.99	0.74	0.17	0.11	0.09	0.07		
TP110005†	50		0.056	7.2	4.2	3.3	2.8	2.1	1.7	1.4	1.1	0.83	0.19	0.13	0.10	0.08		
TP110005†	60		0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08		
TP65006†	30		0.058	7.4	4.3	3.4	2.9	2.2	1.7	1.4	1.1	0.86	0.20	0.13	0.10	0.08		
TP80006†	35		0.063	8.1	4.7	3.7	3.1	2.3	1.9	1.6	1.2	0.94	0.21	0.14	0.11	0.09		
TP110006†	40		0.067	8.6	5.0	4.0	3.3	2.5	2.0	1.7	1.3	0.99	0.23	0.15	0.11	0.09		
TP110006†	50		0.075	9.6	5.6	4.5	3.7	2.8	2.2	1.9	1.5	1.1	0.26	0.17	0.13	0.10		
TP110006†	60		0.082	10	6.1	4.9	4.1	3.0	2.4	2.0	1.6	1.2	0.28	0.19	0.14	0.11		
TP6501†	30	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12		
TP8001	35	F	0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13		
TP11001	40	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14		
TP11001	50	F	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15		
TP11001	60	F	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16		
TP65015†	30	F	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18		
TP80015	35	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19		
TP110015	40	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
TP110015	50	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
TP110015	60	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
TP6502†	30	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
TP8002	35	F	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26		
TP11002	40	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27		
TP11002	50	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
TP11002	60	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
TP6503†	30	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35		
TP8003	35	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
TP11003	40	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
TP11003	50	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46		
TP11003	60	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
TP6504†	30	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
TP8004	35	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
TP11004	40	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
TP11004	50	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
TP11004	60	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67		
TP6505†	30	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58		
TP8005	35	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.1	0.80	0.64		
TP11005	40	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68		
TP11005	50	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76		
TP11005	60	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83		
TP6506†	30	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71		
TP8006	35	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76		
TP11006	40	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
TP11006	50	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91		
TP11006	60	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99		
TP6508†	30	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94		
TP8008	35	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0		
TP11008	40	M	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1		
TP11008	50	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2		
TP11008	60	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3		
TP6510†	30	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2		
TP8010†	35	C	0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3		
TP11010†	40	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4		
TP11010†	50	C	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5		
TP11010†	60	C	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7		
TP6515†	30	VC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8		
TP8015†	35	VC	1.40	179	104	83	69	52	42	35	28	21	4.8	3.2	2.4	1.9		
TP11015†	40	C	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0		
TP11015†	50	C	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3		
TP11015†	60	C	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5		
TP6520†	30		1.73	221	128	103	86	64	51	43	34	26	5.9	3.9	2.9	2.4		
TP8020†	35		1.87	239	139	111	93	69	56	46	37	28	6.4	4.2	3.2	2.5		
TP11020†	40		2.00	256	149	119	99	74	59	50	40	30	6.8	4.5	3.4	2.7		
TP11020†	50		2.24	287	166	133	111	83	67	55	44	33	7.6	5.1	3.8	3.0		
TP11020†	60		2.45	314	182	146	121	91	73	61	49	36	8.3	5.6	4.2	3.3		



Optimum Spray Height

Tip Angle	Optimum Spray Height
65°	35"
80°	30"
110°	20"

- How to order:**
Specify tip number.
Examples:
- **TP8002VS**
Stainless Steel with VisiFlo color-coding
 - **TP11002VP**
Polymer with VisiFlo color-coding
 - **TP11002-HSS**
Hardened Stainless Steel
 - **TP8002-SS**
Stainless Steel
 - **TP8002**
Brass

Note: Add SPP prefix to Part Number

XR TEEJET - EXTENDED RANGE FLAT SPRAY TIPS



- Excellent spray distribution over a wide range of pressures - 15-60 PSI (1-4 bar)
- Ideal for use with automatic sprayer controllers
- Reduces drift at lower pressures, better coverage at higher pressures
- Automatic spray alignment with SPPCP114440*-CE (CP114440*-CE) Quick Teejet cap and gasket (See page 73)
- Automatic spray alignment for sizes 10 and 15 with SPP25610*-NYR (25610*-NYR) Quick Teejet cap and gasket



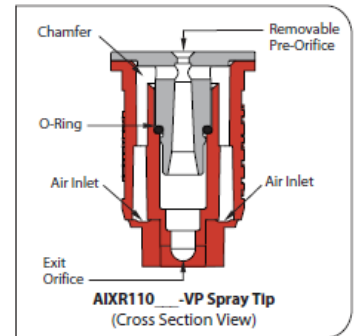
PSI	DROPTIME	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°																GALLONS PER 1000 SQ. FT.			
				GPA																			
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH								
15	F	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08								
20	F	0.071	9.1	5.3	4.2	3.5	2.6	2.1	1.8	1.4	1.1	0.24	0.16	0.12	0.10								
30	F	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12								
40	F	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14								
50	F	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15								
60	F	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16								
15	M	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13								
20	M	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15								
30	M	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18								
40	M	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20								
50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23								
60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24								
15	M	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16								
20	M	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19								
30	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23								
40	M	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27								
50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30								
60	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33								
15	M	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20								
20	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24								
30	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30								
40	M	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34								
50	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38								
60	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42								
15	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24								
20	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29								
30	M	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35								
40	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41								
50	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46								
60	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50								
15	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29								
20	M	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34								
30	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41								
40	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48								
50	M	0.39	50	29	23	19.3	14.5	11.6	9.7	7.7	5.8	1.3	0.88	0.66	0.53								
60	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58								
15	C	0.23	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33								
20	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	1.0	0.63	0.48	0.38								
30	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48								
40	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54								
50	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61								
60	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67								
15	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42								
20	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48								
30	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58								
40	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68								
50	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76								
60	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83								
15	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50								
20	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	1.0	0.71	0.57								
30	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71								
40	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82								
50	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91								
60	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99								
15	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67								
20	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78								
30	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94								
40	M	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1								
50	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2								
60	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3								
15	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83								
20	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97								
30	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2								
40	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4								
50	C	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5								
60	C	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7								
15	XC	0.92	118	68	55	46	34	27	23	18.2	13.7	3.1	2.1	1.6	1.3								
20	XC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4								
30	VC	1.30	166	97	77	64	48	3															



AIXR TEEJET

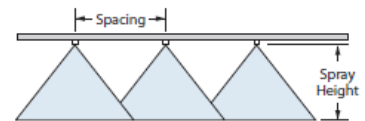
110° AIR INDUCTION XR FLAT SPRAY TIPS

- 110° wide, tapered flat spray angle with air induction technology offers better drift management
- Made of a two-piece UHMWPE polymer construction with VisiFlo color-coding
- Removable pre-orifice
- Automatic alignment when used with SPPCP114440-*CE (CP114440-*CE) Quick Teejet cap and gasket (See page 73)
- Sizes 03, 04 & 06 recommended for effective application of Duo Enlist herbicide with Colex-D Technology

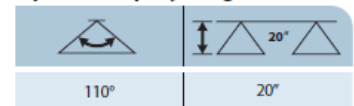


PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°																
				GPA												GALLONS PER 1000 SQ. FT.				
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH					
AIXR110015 (100)	15	XC	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13				
	20	XC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15				
	30	C	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18				
	40	C	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20				
	50	C	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
AIXR11002 (50)	75	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	90	M	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31				
	15	XC	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16				
	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
AIXR110025 (50)	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
	75	M	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37				
	90	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	15	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20				
	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
AIXR11003 (50)	30	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	75	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	90	C	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52				
AIXR11004 (50)	15	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	50	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
AIXR11005 (50)	75	C	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56				
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	15	UC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
	20	XC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	40	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
AIXR11006 (50)	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
	75	C	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75				
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	15	UC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	20	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
AIXR11006 (50)	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	75	C	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92				
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				
AIXR11006 (50)	15	UC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	20	XC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
AIXR11006 (50)	75	C	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1				
	90	C	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2				

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
GOOD	EXCELLENT	EXCELLENT



Optimum Spray Height



How to order:

Specify tip number.

Examples:

- **AIXR11004VP**
Polymer with VisiFlo color-coding
- **AIXR11003VP-C**
Polymer with VisiFlo color-coding, Includes Quick TeeJet cap and gasket

Note: Add SPP prefix to Part Number



TURBO TEEJET

110° WIDE ANGLE FLAT SPRAY TIP

- Tapered edge wide angle flat spray pattern for uniform coverage in broadcast spraying
- Large, rounded internal passage to minimize clogging
- Excellent resistance to corrosive solutions
- Larger droplets for less drift - 15-90 PSI (1-6 bar)
- Automatic spray alignment with SPPCP114440*-CE (CP114440*-CE) Quick Teejet cap and gasket (See page 73)
- Size 10 & 12 use SPP98579-1-NYR Cap



SPRAY TIPS



NOZZLE TYPE	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.			
					20°													
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH		
TT11001 (100)	15	C	0.061	7.8	4.5	3.6	3.0	2.3	1.8	1.5	1.2	0.91	0.21	0.14	0.10	0.08		
	20	C	0.071	9.1	5.3	4.2	3.5	2.6	2.1	1.8	1.4	1.1	0.24	0.16	0.12	0.10		
	30	M	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12		
	40	M	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14		
	50	M	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15		
	60	F	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16		
TT110015 (100)	75	F	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19		
	90	F	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
	15	VC	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13		
	20	C	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15		
	30	M	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18		
	40	M	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
TT11002 (50)	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
	60	F	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
	75	F	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29		
	90	F	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31		
	15	VC	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16		
	20	VC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19		
TT110025 (50)	30	C	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23		
	40	M	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27		
	50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
	60	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
	75	F	0.27	35	20	16.0	13.4	10.0	8.0	6.7	5.3	4.0	0.92	0.61	0.46	0.37		
	90	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
TT11003 (50)	15	VC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20		
	20	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
	30	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30		
	40	M	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34		
	50	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
	60	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42		
TT11004 (50)	75	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46		
	90	F	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52		
	15	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24		
	20	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29		
	30	C	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35		
	40	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41		
TT11005 (50)	50	M	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46		
	60	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
	75	M	0.41	52	30	24	20	15.2	12.2	10.1	8.1	6.1	1.4	0.93	0.70	0.56		
	90	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
	15	XC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33		
	20	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38		
TT11006 (50)	30	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
	40	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54		
	50	M	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61		
	60	M	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67		
	75	M	0.55	70	41	33	27	20	16.3	13.6	10.9	8.2	1.9	1.2	0.94	0.75		
	90	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
TT11008 (50)	15	XC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42		
	20	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48		
	30	VC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58		
	40	C	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68		
	50	C	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76		
	60	M	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83		
TT11008 (50)	75	M	0.68	87	50	40	34	25	20	16.8	13.5	10.1	2.3	1.5	1.2	0.92		
	90	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0		
	15	XC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50		
	20	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57		
	30	VC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71		
	40	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82		
TT11008 (50)	50	C	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91		
	60	C	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99		
	75	C	0.82	105	61	49	41	30	24	20	16.2	12.2	2.8	1.9	1.4	1.1		
	90	M	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2		
	15	XC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67		
	20	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78		
TT11008 (50)	30	VC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94		
	40	C	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1		
	50	C	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2		
	60	C	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3		
	75	M	1.10	141	82	65	54	41	33	27	22	16.3	3.7	2.5	1.9	1.5		
	90	M	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6		



TURBO TEEJET DUO

DUAL POLYMER FLAT FAN SPRAY TIPS

- Two Turbo Teejet tapered edge flat fan spray tips using a SPPQJ90-2-NYR (QJ90-2-NYR) adapter to produce a twin-type pattern spraying forward and back
- Depending on tip orientation, a 60°, 90°, or 120° included angle can be achieved
- SPPQJ90-2-NYR (QJ90-2-NYR) adapter and Quick Teejet caps made of nylon, tips made of acetal (See page 73)
- Recommended operating pressure range is 15-90 PSI (1-6 bar)

Size	No.
01	SPPQJ90-2XTT11001-VP
015	SPPQJ90-2XTT110015-VP
02	SPPQJ90-2XTT11002-VP
03	SPPQJ90-2XTT11003-VP
04	SPPQJ90-2XTT11004-VP
05	SPPQJ90-2XTT11005-VP
06	SPPQJ90-2XTT11006-VP
08	SPPQJ90-2XTT11008-VP

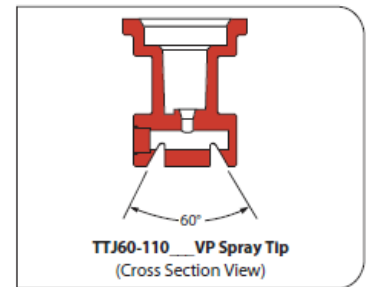
Adapter Part No. SPPQJ90-2-NYR



TURBO TWINJET

TWIN FLAT SPRAY TIP

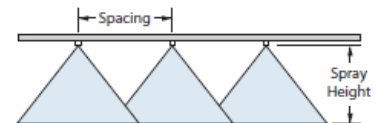
- Dual outlet design produces two 110° flat fan spray patterns
- 60° angle between each spray angle forward and back
- Best suited for broadcast spraying where superior leaf coverage and canopy penetration is important
- Molded polymer for excellent chemical and wear resistance
- Ideal for use with automatic sprayer controllers
- Automatic alignment when used with SPPCP114440-*CE (CP114440-*CE) Quick Teejet cap and gasket



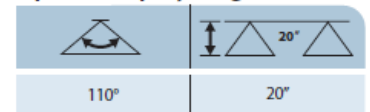
TIPO	PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°															
					GPA								GALLONS PER 1000 SQ. FT.							
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH				
TTJ60-11002 (100)	20	C	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	30	C	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	50	M	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	60	M	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
	70	M	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
TTJ60-110025 (100)	20	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
	50	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	60	M	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	70	M	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45				
TTJ60-11003 (100)	20	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	30	VC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	60	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	70	M	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
TTJ60-11004 (50)	20	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	30	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	60	M	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
	70	M	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72				
TTJ60-11005 (50)	20	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	30	VC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
	40	VC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	60	M	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	70	M	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90				
TTJ60-11006 (50)	20	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	30	VC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71				
	40	VC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91				
	60	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99				
	70	M	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1				

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	EXCELLENT	VERY GOOD
VERY GOOD*	EXCELLENT*	EXCELLENT*

*At pressures below 30 PSI (2.0 bar)



Optimum Spray Height



How to order:

Specify tip number.

Examples:

TTJ60-11004VP

-Polymer with VisiFlo® color-coding

TTJ60-11003VP-C

- Polymer with VisiFlo color-coding,

Includes Quick TeeJet cap and gasket

Note: Add SPP prefix to Part Number

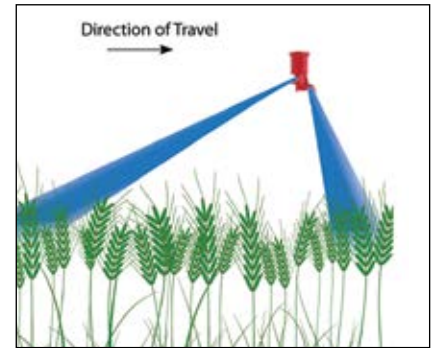
Note: Add SPP prefix to Part Number



AI3070 TEEJET

AIR INDUCTION DUAL PATTERN FLAT SPRAY TIPS

- AI3070 produces two wide angle, flat spray patterns for uniform coverage in broadcast applications
- 30° forward tilted spray penetrates dense crop canopies, while the backward tilted 70° spray maximizes coverage of the crop seed head
- Drift resistant drops are produced through the use of a venturi air aspirator
- Large, round, free passages minimize clogging
- All acetal construction for excellent chemical and wear resistance
- Removable pre-orifice for fast and easy cleaning
- Automatic alignment with the use of **SPP98579-1-NYR cap and gasket**
- Suggested spray pressure range of 20 to 90 PSI (1.5 - 6 bar)



SPRAY TIPS



PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°																
				GPA												GALLONS PER 1000 SQ. FT.				
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH					
AI3070-015VP (100)	20	VC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15				
	30	C	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18				
	40	C	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20				
	50	M	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	60	M	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	70	M	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
AI3070-02VP (100)	80	M	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	90	F	0.23	29	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31				
	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19				
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23				
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27				
	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
AI3070-025VP (100)	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33				
	70	M	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	80	M	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	90	M	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24				
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30				
AI3070-03VP (50)	40	C	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42				
	70	C	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45				
	80	C	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	90	M	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52				
AI3070-04VP (50)	20	XC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29				
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35				
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41				
	50	C	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46				
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50				
	70	C	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
AI3070-05VP (50)	80	C	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57				
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38				
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54				
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61				
AI3070-05VP (50)	60	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67				
	70	C	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72				
	80	C	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78				
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82				
	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48				
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58				
AI3070-05VP (50)	40	VC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68				
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76				
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83				
	70	C	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90				
	80	C	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97				
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0				

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Part No. **SPP98579-1-NYR**
Cap & Gasket (Black Only)

TTI TWINJET TWIN FLAT SPRAY TIPS

Typical Applications:

Extremely coarse droplet size provides the best drift control possible, with minimal driftable fines and a twin spray pattern for improved coverage. Ideal for post-emerge systemic products, including dicamba.

Features:

- 110° wide angle, air induction, twin tapered flat spray tip pattern based on the patented outlet orifice design of the original Turbo TeeJet® nozzle.
- 60° angle between leading and trailing patterns for increased canopy coverage and penetration.
- Depending on the chemical, produces large air-filled drops through a Venturi air aspirator resulting in less drift.
- All polymer construction for excellent chemical and wear resistance.

No.	Mfg. No.
SPPTTI60-11002VP	TTI60-11002VP
-	TTI60-110025VP
SPPTTI60-11003VP	TTI60-11003VP
SPPTTI60-11004VP	TTI60-11004VP
SPPTTI60-11005VP	TTI60-11005VP
SPPTTI60-11006VP	TTI60-11006VP
SPPTTI60-11008VP	TTI60-11008VP



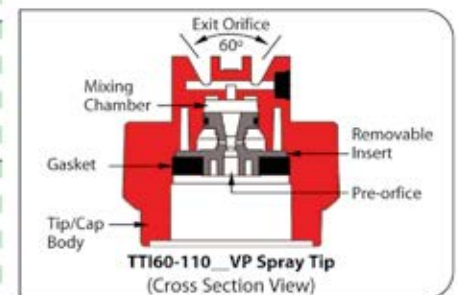
- All in one molded nozzle and Quick TeeJet® cap design allows for quick installation and automatic spray alignment.
- Removable pre-orifice for fast and easy cleaning.
- Wide operating pressure range: 20-100 PSI (1.5-7 bar).



TI	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
					20°														
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
TTI60-11002VP (50)	20	---	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19			
	30	---	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	40	---	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	---	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	---	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
TTI60-110025VP (50)	70	---	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	80	---	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	90	---	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	20	---	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	30	---	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
TTI60-11003VP (50)	40	---	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	50	---	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	60	---	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42			
	70	---	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45			
	80	---	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
TTI60-11004VP (50)	90	---	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52			
	20	---	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
	30	---	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	40	---	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	---	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
TTI60-11005VP (50)	60	---	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
	70	---	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	80	---	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57			
	90	---	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	20	---	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
TTI60-11006VP (50)	30	---	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	40	---	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	---	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	60	---	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
	70	---	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72			
TTI60-11008VP (50)	80	---	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78			
	90	---	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	20	---	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	30	---	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
	40	---	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68			
TTI60-11008VP (50)	50	---	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	---	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83			
	70	---	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90			
	80	---	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97			
	90	---	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0			
TTI60-11006VP (50)	20	---	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57			
	30	---	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
	40	---	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	---	0.67	85	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
	60	---	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99			
TTI60-11006VP (50)	70	---	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1			
	80	---	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2			
	90	---	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2			
	20	---	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78			
	30	---	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
TTI60-11008VP (50)	40	---	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09			
	50	---	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
	60	---	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3			
	70	---	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4			
	80	---	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5			
90	---	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6				

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
-	EXCELLENT	EXCELLENT



SPRAY TIPS

AIR INDUCTION TURBO TWINJET

TWIN FLAT SPRAY TIP

- Air induction with dual 110° flat fan patterns
- Pressure ranges from 20-90 psi (1.5-6 bar)
- Good coverage with increased canopy penetration and best drift control
- Excellent drift control with coarse to very coarse droplets
- O2 through O6 use with cap SPPCP114442-*C (CP114442-*CE) (See page 73)
- O8 through O15 use with cap SPP98579-1-NYR
- Size O6 recommended for effective application of Duo Enlist herbicide with Colex-D Technology
- 60° between leading and trailing spray patterns
- Best suited for postemergence applications

Air induction technology - up until now air induction tips have not been recommended for use with PWM nozzle control systems. However, the AITTJ60 tip, representing the latest in drift reduction technology, is the only air induction tip approved and recommended for use with PWM nozzle control systems.



PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	20°												
				GPA								GALLONS PER 1000 SQ. FT.				
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
AITTJ60-11002VP (100)	20	XC	0.14	18	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19
	30	VC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23
	40	C	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27
	50	C	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	60	C	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
	90	C	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
AITTJ60-110025VP (100)	20	XC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
	30	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30
	40	VC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34
	50	C	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	60	C	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42
	90	C	0.38	49	28	23	18.8	14.1	11.3	9.4	7.5	5.6	1.3	0.86	0.65	0.52
AITTJ60-11003VP (50)	20	UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
	30	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35
	40	VC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41
	50	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46
	60	C	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50
	90	C	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
AITTJ60-11004VP (50)	20	UC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38
	30	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	40	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54
	50	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61
	60	C	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67
	90	C	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
AITTJ60-11005VP (50)	20	UC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48
	30	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58
	40	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68
	50	VC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76
	60	VC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83
	90	C	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0
AITTJ60-11006VP (50)	20	UC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57
	30	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71
	40	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82
	50	VC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91
	60	VC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99
	90	C	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2
AITTJ60-11008VP (50)	20	UC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78
	30	UC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94
	40	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.09
	50	XC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2
	60	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3
	90	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
AITTJ60-11010VP (50)	20	UC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97
	30	UC	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2
	40	UC	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4
	50	XC	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5
	60	XC	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7
	90	VC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
AITTJ60-11015VP (50)	20	UC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4
	30	UC	1.30	166	97	77	64	48	39	32	26	19.3	4.4	2.9	2.2	1.8
	40	UC	1.50	192	111	89	74	56	45	37	30	22	5.1	3.4	2.6	2.0
	50	XC	1.68	215	125	100	83	62	50	42	33	25	5.7	3.8	2.9	2.3
	60	XC	1.84	236	137	109	91	68	55	46	36	27	6.3	4.2	3.1	2.5
	90	VC	2.25	288	167	134	111	84	67	56	45	33	7.7	5.1	3.8	3.1

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

AI TEEJET - AIR INDUCTION FLAT SPRAY TIPS

- Stainless steel insert produces a tapered edge flat spray pattern for uniform coverage
- Polymer insert holder and pre-orifice with VisiFlo color-coding
- Automatic alignment when used with SPPCP114442*-CE (CP114442*-CE) Quick Teejet cap and gasket (See page 73)
- Sizes 04, 06 & 08 recommended for effective application of Duo Enlist herbicide with Colex-D Technology
- Sizes 03 recommended for effective application of XtendiMax Herbicide



NOZZLE SIZE	PSI	DROP SIZE		CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
		80°	110°			4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
		UC	XC			UC	XC	UC	XC	UC	XC	UC	XC	UC	XC	UC	XC	UC	XC	
AI110015 (100)	30	UC	XC	0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18			
	40	XC	XC	0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	50	XC	XC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	60	XC	VC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24			
	70	VC	VC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	80	VC	VC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29			
AI11002 (50)	30	UC	XC	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	40	XC	XC	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	XC	VC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	XC	VC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
	70	VC	VC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	80	VC	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
AI110025 (50)	30	UC	XC	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	40	XC	XC	0.25	32	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	50	XC	VC	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
	60	XC	VC	0.31	40	23	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.1	0.70	0.53	0.42			
	70	VC	VC	0.33	42	25	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.1	0.75	0.56	0.45			
	80	VC	VC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
AI11003 (50)	30	UC	XC	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
	40	XC	XC	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	XC	VC	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	60	XC	VC	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
	70	VC	VC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	80	VC	VC	0.42	54	31	25	21	15.6	12.5	10.4	8.3	6.2	1.4	0.95	0.71	0.57			
AI11004 (50)	30	UC	XC	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
	40	XC	XC	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	XC	VC	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	60	XC	VC	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
	70	VC	VC	0.53	68	39	31	26	19.7	15.7	13.1	10.5	7.9	1.8	1.2	0.90	0.72			
	80	VC	VC	0.57	73	42	34	28	21	16.9	14.1	11.3	8.5	1.9	1.3	0.97	0.78			
AI11005 (50)	30	UC	XC	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
	40	UC	XC	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68			
	50	XC	XC	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	XC	XC	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.0	0.83			
	70	XC	VC	0.66	84	49	39	33	25	19.6	16.3	13.1	9.8	2.2	1.5	1.1	0.90			
	80	VC	VC	0.71	91	53	42	35	26	21	17.6	14.1	10.5	2.4	1.6	1.2	0.97			
AI11006 (50)	30	UC	XC	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
	40	UC	XC	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	UC	XC	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
	60	XC	XC	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99			
	70	XC	XC	0.79	101	59	47	39	29	23	19.6	15.6	11.7	2.7	1.8	1.3	1.1			
	80	XC	VC	0.85	109	63	50	42	32	25	21	16.8	12.6	2.9	1.9	1.4	1.2			
AI11008 (50)	30	UC	XC	0.90	115	67	53	45	33	27	22	17.8	13.4	3.1	2.0	1.5	1.2			
	40	UC	XC	0.95	122	71	56	47	35	28	24	18.8	14.1	3.2	2.2	1.6	1.3			
	50	UC	XC	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
	40	XC	XC	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1			
	50	XC	VC	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
	60	XC	VC	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3			
AI11008 (50)	70	XC	VC	1.06	136	79	63	52	39	31	26	21	15.7	3.6	2.4	1.8	1.4			
	80	VC	VC	1.13	145	84	67	56	42	34	28	22	16.8	3.8	2.6	1.9	1.5			
	90	VC	VC	1.20	154	89	71	59	45	36	30	24	17.8	4.1	2.7	2.0	1.6			
	100	VC	VC	1.26	161	94	75	62	47	37	31	25	18.7	4.3	2.9	2.1	1.7			

SPRAY TIPS

AIC TIP/CAP COMBO

Stainless Steel 110°	
SPPAIC11002VS	SPPAIC11010VS
SPPAIC110025VS	SPPAIC11015VS
SPPAIC11003VS	
SPPAIC11004VS	
SPPAIC11005VS	
SPPAIC11006VS	
SPPAIC11008VS	

Polymer 110°	
SPPAIC11002VP	
SPPAIC110025VP	
SPPAIC11003VP	
SPPAIC11004VP	
SPPAIC11005VP	
SPPAIC11008VP	
SPPAIC11010VP	

Ceramic 110°	
SPPAIC110025VK	
SPPAIC11003VK	
SPPAIC11004VK	
SPPAIC11005VK	

TURBO TEEJET AIR INDUCTION

110° FLAT SPRAY TIPS

- 110° wide angle, air induction, tapered flat spray tip pattern
- Orifice design provides large, round passages to minimize plugging
- All polymer construction for excellent chemical and wear resistance
- Wide operating pressure range: 15-100 PSI (1-7 bar)
- Automatic alignment when used with SPPCP114442-*CE (CP114442-*CE) Quick Teejet cap and gasket (See page 73)
- Size 04 recommended for effective application of Duo Enlist herbicide with Colex-D Technology
- Sizes 03, 04, 05 & 06 recommended for effective application of XtendiMax Herbicide
- Compact size to prevent tip damage
- Removable pre-orifice
- Ideal for use with automatic sprayer controllers



PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
				20°														
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
TTI110015 (100)				15 UC	0.092	12	6.8	5.5	4.6	3.4	2.7	2.3	1.8	1.4	0.31	0.21	0.16	0.13
TTI110002 (50)				15 UC	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15
TTI110025 (50)				15 UC	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16
TTI110003 (50)				15 UC	0.18	23	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.24
TTI110004 (50)				15 UC	0.21	27	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.71	0.48	0.36	0.29
TTI110005 (50)				15 UC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33
TTI110006 (50)				15 UC	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33



TTI TIP/CAP COMBO

No.
SPPTTI110015-VP-CE
SPPTTI110002-VP-CE
SPPTTI110025-VP-CE

No.
SPPTTI110003-VP-CE
SPPTTI110004-VP-CE
SPPTTI110005-VP-CE

No.
SPPTTI110006-VP-CE
SPPTTI110008-VP-CE
SPPTTI11010-VP-CE



TWINJET

TWIN FLAT SPRAY TIPS

- Penetrates crop residue or dense foliage
- Smaller droplets for thorough coverage
- Better spray distribution along boom than with hollow cone nozzles
- Automatic alignment when used with SPPCP114442-*CE (CP114442-*CE) Quick Teejet cap and gasket (See page 73)



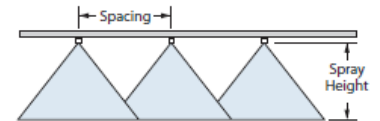
TIPO	PSI	DROP SIZE 80° TID	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA										GALLONS PER 1000 SQ. FT.				
					20°														
					4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH			
TJ60-6501	30	VF	0.087	11	6.5	5.2	4.3	3.2	2.6	2.2	1.7	1.3	0.30	0.20	0.15	0.12			
TJ60-8001 (100)	35	VF	0.094	12	7.0	5.6	4.7	3.5	2.8	2.3	1.9	1.4	0.32	0.21	0.16	0.13			
	40	VF	0.10	13	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.34	0.23	0.17	0.14			
	50	VF	0.11	14	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.37	0.25	0.19	0.15			
	60	VF	0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
TJ60-650134 (100)	30		0.12	15	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
	35		0.13	17	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.29	0.22	0.18			
	40		0.134	17	9.9	8.0	6.6	5.0	4.0	3.3	2.7	2.0	0.46	0.30	0.23	0.18			
	50		0.15	19	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	60		0.16	20	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	0.54	0.36	0.27	0.22			
TJ60-6502	30	F	0.17	22	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
TJ60-8002	35	F	0.19	24	14.1	11.3	9.4	7.1	5.6	4.7	3.8	2.8	0.65	0.43	0.32	0.26			
TJ60-11002 (100)	40	F	0.20	26	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	50	F	0.22	28	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.37	0.30			
	60	F	0.24	31	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.54	0.41	0.33			
TJ60-6503	30	F	0.26	33	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35			
TJ60-8003	35	F	0.28	36	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38			
TJ60-11003 (100)	40	F	0.30	38	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41			
	50	F	0.34	44	25	20	16.8	12.6	10.1	8.4	6.7	5.0	1.2	0.77	0.58	0.46			
	60	F	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
TJ60-6504	30	M	0.35	45	26	21	17.3	13.0	10.4	8.7	6.9	5.2	1.2	0.79	0.60	0.48			
TJ60-8004	35	M	0.37	47	27	22	18.3	13.7	11.0	9.2	7.3	5.5	1.3	0.84	0.63	0.50			
TJ60-11004 (50)	40	F	0.40	51	30	24	19.8	14.9	11.9	9.9	7.9	5.9	1.4	0.91	0.68	0.54			
	50	F	0.45	58	33	27	22	16.7	13.4	11.1	8.9	6.7	1.5	1.0	0.77	0.61			
	60	F	0.49	63	36	29	24	18.2	14.6	12.1	9.7	7.3	1.7	1.1	0.83	0.67			
TJ60-8005	30	M	0.43	55	32	26	21	16.0	12.8	10.6	8.5	6.4	1.5	0.97	0.73	0.58			
TJ60-11005 (50)	35	M	0.47	60	35	28	23	17.4	14.0	11.6	9.3	7.0	1.6	1.07	0.80	0.64			
	40	M	0.50	64	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.13	0.85	0.68			
	50	F	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
	60	F	0.61	78	45	36	30	23	18.1	15.1	12.1	9.1	2.1	1.4	1.04	0.83			
TJ60-6506	30	M	0.52	67	39	31	26	19.3	15.4	12.9	10.3	7.7	1.8	1.2	0.88	0.71			
TJ60-8006	35	M	0.56	72	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76			
TJ60-11006 (50)	40	M	0.60	77	45	36	30	22	17.8	14.9	11.9	8.9	2.0	1.4	1.0	0.82			
	50	M	0.67	86	50	40	33	25	19.9	16.6	13.3	9.9	2.3	1.5	1.1	0.91			
	60	M	0.73	93	54	43	36	27	22	18.1	14.5	10.8	2.5	1.7	1.2	0.99			
TJ60-6508	30	C	0.69	88	51	41	34	26	20	17.1	13.7	10.2	2.3	1.6	1.2	0.94			
TJ60-8008	35	M	0.75	96	56	45	37	28	22	18.6	14.9	11.1	2.6	1.7	1.3	1.0			
TJ60-11008 (50)	40	M	0.80	102	59	48	40	30	24	19.8	15.8	11.9	2.7	1.8	1.4	1.1			
	50	M	0.89	114	66	53	44	33	26	22	17.6	13.2	3.0	2.0	1.5	1.2			
	60	M	0.98	125	73	58	49	36	29	24	19.4	14.6	3.3	2.2	1.7	1.3			
TJ60-8010	30	C	0.87	111	65	52	43	32	26	22	17.2	12.9	3.0	2.0	1.5	1.2			
TJ60-11010 (50)	35	C	0.94	120	70	56	47	35	28	23	18.6	14.0	3.2	2.1	1.6	1.3			
	40	C	1.00	128	74	59	50	37	30	25	19.8	14.9	3.4	2.3	1.7	1.4			
	50	M	1.12	143	83	67	55	42	33	28	22	16.6	3.8	2.5	1.9	1.5			
	60	M	1.22	156	91	72	60	45	36	30	24	18.1	4.1	2.8	2.1	1.7			

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
EXCELLENT	-	-

SPRAY TIPS



Optimum Spray Height

TIPO	20°
65°	35"
80°	30"
110°	20"

How to order:

Specify tip number.
Examples:

- **TJ60-8002VS**
Stainless Steel with VisiFlo color-coding

Note: Add SPP prefix to Part Number



TURBO FLOODJET

WIDE ANGLE FLAT SPRAY TIPS

- Excellent spray distribution for uniform coverage along the boom
- Nozzle design incorporates a pre-orifice to produce larger droplets for less drift
- Can be used with SPPCP25599-*N.YR (CP25599-*N.YR) Quick Teejet cap and gasket for automatic alignment (See page 73)



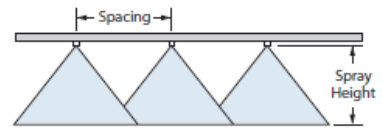
SPRAY TIPS



TIPO	PSI	DROPS PER NOZZLE IN GPM	CAPACITY ONE NOZZLE IN GPM	40°												30°			
				GPA												GALLONS PER 1000 SQ. FT.			
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	2 MPH	3 MPH	4 MPH	5 MPH
TF-2 (50)	10 UC	0.20	26	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27				
	20 XC	0.28	36	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.95	0.63	0.48	0.38				
	30 VC	0.35	45	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.2	0.79	0.60	0.48				
40 VC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54					
TF-2.5 (50)	10 UC	0.25	32	9.3	7.4	6.2	4.6	3.7	3.1	2.5	1.9	0.85	0.57	0.43	0.34				
	20 UC	0.35	45	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.2	0.79	0.60	0.48				
	30 XC	0.43	55	16.0	12.8	10.6	8.0	6.4	5.3	4.3	3.2	1.5	0.97	0.73	0.58				
40 XC	0.50	64	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.7	1.1	0.85	0.68					
TF-3 (50)	10 UC	0.30	38	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	1.0	0.68	0.51	0.41				
	20 UC	0.42	54	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	1.4	0.95	0.71	0.57				
	30 XC	0.52	67	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	1.8	1.2	0.88	0.71				
40 XC	0.60	77	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	2.0	1.4	1.0	0.82					
TF-4 (50)	10 UC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54				
	20 UC	0.57	73	21	16.9	14.1	10.6	8.5	7.1	5.6	4.2	1.9	1.3	0.97	0.78				
	30 XC	0.69	88	26	20	17.1	12.8	10.2	8.5	6.8	5.1	2.3	1.6	1.2	0.94				
40 XC	0.80	102	30	24	19.8	14.9	11.9	9.9	7.9	5.9	2.7	1.8	1.4	1.1					
TF-5 (50)	10 UC	0.50	64	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	1.7	1.1	0.85	0.68				
	20 UC	0.71	91	26	21	17.6	13.2	10.5	8.8	7.0	5.3	2.4	1.6	1.2	0.97				
	30 UC	0.87	111	32	26	22	16.1	12.9	10.8	8.6	6.5	3.0	2.0	1.5	1.2				
40 UC	1.00	128	37	30	25	18.6	14.9	12.4	9.9	7.4	3.4	2.3	1.7	1.4					
TF-7.5 (50)	10 UC	0.75	96	28	22	18.6	13.9	11.1	9.3	7.4	5.6	2.6	1.7	1.3	1.0				
	20 UC	1.06	136	39	31	26	19.7	15.7	13.1	10.5	7.9	3.6	2.4	1.8	1.4				
	30 UC	1.30	166	48	39	32	24	19.3	16.1	12.9	9.7	4.4	2.9	2.2	1.8				
40 XC	1.50	192	56	45	37	28	22	18.6	14.9	11.1	5.1	3.4	2.6	2.0					
TF-10 (50)	10 UC	1.00	128	37	30	25	18.6	14.9	12.4	9.9	7.4	3.4	2.3	1.7	1.4				
	20 UC	1.41	180	52	42	35	26	21	17.4	14.0	10.5	4.8	3.2	2.4	1.9				
	30 UC	1.73	221	64	51	43	32	26	21	17.1	12.8	5.9	3.9	2.9	2.4				
40 XC	2.00	256	74	59	50	37	30	25	19.8	14.9	6.8	4.5	3.4	2.7					

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

CONTACT PRODUCT	SYSTEMIC PRODUCT	DRIFT MANAGEMENT
—	VERY GOOD	EXCELLENT



Optimum Spray Height

Spacing	Spray Height
20"	24"
30"	30"
40"	39"

*Wide angle spray nozzle height is influenced by nozzle orientation. The critical factor is to achieve a minimum 30% overlap.



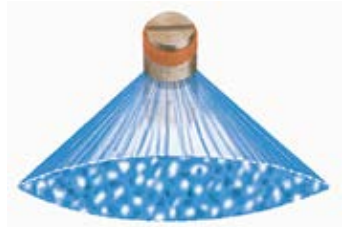
TURFJET

WIDE ANGLE FLAT FAN SPRAY NOZZLES



TIPO	PSI	DROPS PER NOZZLE IN GPM	CAPACITY ONE NOZZLE IN GPM	40°												30°				
				GPA												GALLONS PER 1000 SQ. FT.				
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
1/4TTJ02 (50)	25 UC	0.16	20	5.9	4.8	4.0	3.0	2.4	2.0	1.6	1.2	0.54	0.36	0.27	0.22					
	30 UC	0.17	22	6.3	5.0	4.2	3.2	2.5	2.1	1.7	1.3	0.58	0.39	0.29	0.23					
	40 UC	0.20	26	7.4	5.9	5.0	3.7	3.0	2.5	2.0	1.5	0.68	0.45	0.34	0.27					
1/4TTJ04 (50)	25 UC	0.22	28	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.75	0.50	0.37	0.30					
	30 UC	0.24	31	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.82	0.54	0.41	0.33					
	40 UC	0.27	35	10.0	8.0	6.7	5.0	4.0	3.3	2.7	2.0	0.92	0.61	0.46	0.37					
1/4TTJ06 (50)	25 UC	0.32	41	11.9	9.5	7.9	5.9	4.8	4.0	3.2	2.4	1.1	0.73	0.54	0.44					
	30 UC	0.35	45	13.0	10.4	8.7	6.5	5.2	4.3	3.5	2.6	1.2	0.79	0.60	0.48					
	40 UC	0.40	51	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	1.4	0.91	0.68	0.54					
1/4TTJ08 (50)	25 UC	0.45	58	16.7	13.4	11.1	8.4	6.7	5.6	4.5	3.3	1.5	1.0	0.77	0.61					
	30 UC	0.49	63	18.2	14.6	12.1	9.1	7.3	6.1	4.9	3.6	1.7	1.1	0.83	0.67					
	40 UC	0.55	70	20	16.3	13.6	10.2	8.2	6.8	5.4	4.1	1.9	1.2	0.94	0.75					
1/4TTJ10 (50)	25 UC	0.60	77	22	18.6	14.9	11.9	9.9	7.4	5.9	5.0	2.0	1.4	0.91	0.68	0.54				
	30 UC	0.61	78	23	18.1	15.1	11.3	9.1	7.5	6.0	4.5	2.1	1.4	1.0	0.83					
	40 UC	0.68	87	25	20	16.8	12.6	10.1	8.4	6.7	5.0	2.3	1.5	1.2	0.92					
1/4TTJ12 (50)	25 UC	0.67	86	25	19.6	14.7	11.7	9.4	7.8	6.2	4.7	2.1	1.4	1.1	0.86					
	30 UC	0.72	93	27	22	18.1	13.6	10.8	9.0	7.2	5.4	2.5	1.7	1.2	0.99					
	40 UC	0.82	105	30	24	20	15.2	12.2	10.1	8.1	6.1	2.8	1.9	1.4	1.1					
1/4TTJ15 (50)	25 UC	0.61	81	23	18.2	15.6	11.7	9.4	7.8	6.2	4.7	2.1	1.4	1.1	0.86					
	30 UC	0.69	88	26	20	17.1	12.8	10.2	8.5	6.8	5.1	2.3	1.6	1.2	0.94					
	40 UC	0.80	102	30	24	19.8	14.9	11.9	9.9	7.9	5.9	2.7	1.8	1.4	1.1					
1/4TTJ18 (50)	25 UC	0.89	114	33	26	22	16.5	13.2	11.0	8.8	6.6	3.0	2.0	1.5	1.2					
	30 UC	0.98	125	36	29	24	18.2	14.6	12.1	9.7	7.3	3.3	2.2	1.7	1.3					
	40 UC	1.10	141	41	33	27	20	16.3	13.6	10.9	8.2	3.7	2.5	1.9	1.5					
1/4TTJ21 (50)	25 UC	0.79	101	29	23	19.6	14.7	11.7	9.4	7.8	6.2	2.7	1.8	1.3	1.1					
	30 UC	0.87	111	32	26	22	16.1	12.9	10.8	8.6	6.5	3.0	2.0	1.5	1.2					
	40 UC	1.00	128	37	30	25	18.6	14.9	12.4	9.9	7.4	3.4	2.3	1.7	1.4					
1/4TTJ25 (50)	25 UC	1.12	143	42	33	28	21	16.6	13.9	11.1	8.3	3.8	2.5	1.9	1.5					
	30 UC	1.22	156	45	36	30	23	18.1	15.1	12.1	9.1	4.1	2.8	2.1	1.7					
	40 UC	1.37	175	51	41	34	25	20	17.0	13.6	10.2	4.7	3.1	2.3	1.9					
1/4TTJ35 (50)	25 UC	1.19	152	44	35	29	22	17.7	14.7	11.8	8.8	4.0	2.7	2.0	1.6					
	30 UC	1.30	166	48	39	32	24	19.3	16.1	12.9	9.7	4.4	2.9	2.2	1.8					
	40 UC	1.50	192	56	45	37	28	22	18.6	14.9	11.1	5.1	3.4	2.6	2.0					
1/4TTJ45 (50)	25 UC	1.68	215	62	50	42	31	25	21	16.6	12.5	5.7	3.8	2.9	2.3					
	30 UC	1.84	236	68	55	46	34	27	23	18.2	13.7	6.3	4.2	3.1	2.5					
	40 UC	2.05	262	76	61	51	38	30	25	20	15.2	7.0	4.6	3.5	2.8					

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



- Direct replacement for plastic hollow-cone, low-drift nozzles
- Very large droplets
- More precise flow and distribution pattern
- Can be used with Quick Teejet caps: SPPQJ4676-1/4-N.YR - 90°, 1/4" thread SPPQJ4676-45-1/4-N.YR - 45°, 1/4" thread



FLOODJET WIDE ANGLE FLAT SPRAY TIPS

STAINLESS STEEL FLOODJET WITH VISIFLO

No.	Mfg. No.
SPPTK-VS2	TK-VS2
SPPTK-VS2.5	TK-VS2.5
SPPTK-VS3	TK-VS3
SPPTK-VS4	TK-VS4
SPPTK-VS5	TK-VS5
SPPTK-VS7.5	TK-VS7.5
SPPTK-VS10	TK-VS10

STAINLESS STEEL FLOODJET

No.	Mfg. No.
SPPTK-SS.50	TK-SS.50
SPPTK-SS.75	TK-SS.75
SPPTK-SS1	TK-SS1
SPPTK-SS1.5	TK-SS1.5
SPPTK-SS2	TK-SS2
SPPTK-SS2.5	TK-SS2.5
SPPTK-SS3	TK-SS3
SPPTK-SS4	TK-SS4
SPPTK-SS5	TK-SS5
SPPTK-SS7.5	TK-SS7.5
SPPTK-SS10	TK-SS10
SPPTK-SS15	TK-SS15
SPPTK-SS20	TK-SS20
SPPTK-SS30	TK-SS30

BRASS FLOODJET

No.	Mfg. No.
SPPTK-1	TK-1
SPPTK-1.5	TK-1.5
SPPTK-2	TK-2
SPPTK-2.5	TK-2.5
SPPTK-3	TK-3
SPPTK-4	TK-4
SPPTK-5	TK-5
-	TK-30



POLYMER TURBO FLOODJET

No.	Mfg. No.
SPPTKT-VP3	TKT-VP3
SPPTKT-VP5	TKT-VP5



1/8" MPT STAINLESS STEEL FLOODJET

Size	No.
.50	-
.75	SPP1/8K-SS.75
1	SPP1/8K-SS1
1.5	SPP1/8K-SS1.5
2	SPP1/8K-SS2
2.5	SPP1/8K-SS2.5
3	SPP1/8K-SS3
4	SPP1/8K-SS4
5	SPP1/8K-SS5
7.5	SPP1/8K-SS7.5
10	SPP1/8K-SS10
12	SPP1/8K-SS12
15	SPP1/8K-SS15
18	SPP1/8K-SS18
20	SPP1/8K-SS20

1/4" MPT STAINLESS STEEL FLOODJET

Size	No.
22	SPP1/4K-SS22
24	SPP1/4K-SS24
27	SPP1/4K-SS27

3/8" MPT STAINLESS STEEL FLOODJET

Size	No.
30	SPP3/8K-SS30
35	SPP3/8K-SS35
40	-
45	-

1/2" MPT STAINLESS STEEL FLOODJET

Size	No.
50	SPP1/2K-SS50
60	SPP1/2K-SS60
70	SPP1/2K-SS70
80	SPP1/2K-SS80

3/4" MPT STAINLESS STEEL FLOODJET

Size	No.
90	-
100	SPP3/4K-SS100
110	SPP3/4K-SS110
120	SPP3/4K-SS120
140	SPP3/4K-SS140
160	SPP3/4K-SS160
180	SPP3/4K-SS180



STAINLESS STEEL QUICK FLOODJET WITH VISIFLO

Size	No.
20	SPPQCK-SS20
30	SPPQCK-SS30
40	SPPQCK-SS40
50	-
60	-
80	-
100	SPPQCK-SS100
120	-
150	SPPQCK-SS150
180	SPPQCK-SS180
210	SPPQCK-SS210



TEEJET TQ 150° DOUBLE OUTLET FLAT SPRAY TIPS

No.	Mfg. No.	Type
SPPTQ150-01-SS	TQ150-01-SS	SS
SPPTQ150-015-SS	TQ150-015-SS	SS
SPPTQ150-02-SS	TQ150-02-SS	SS
SPPTQ150-03-SS	TQ150-03-SS	SS
SPPTQ150-04-SS	TQ150-04-SS	SS
SPPTQ150-05-SS	TQ150-05-SS	SS
SPPTQ150-06-SS	TQ150-06-SS	SS
SPPTQ150-08-SS	TQ150-08-SS	SS
SPPTQ150-09-SS	TQ150-09-SS	SS
SPPTQ150-01	TQ150-01	Brass
SPPTQ150-015	TQ150-015	Brass
SPPTQ150-02	TQ150-02	Brass
SPPTQ150-03	TQ150-03	Brass
SPPTQ150-04	TQ150-04	Brass
SPPTQ150-05	TQ150-05	Brass
SPPTQ150-06	TQ150-06	Brass
-	TQ150-08	Brass
-	TQ150-09	Brass



TEEJET OC OFF-CENTER FLAT SPRAY TIPS

No.	Mfg. No.	Type
SPPOC-SS02	OC-SS02	SS
SPPOC-SS03	OC-SS03	SS
SPPOC-SS04	OC-SS04	SS
SPPOC-SS06	OC-SS06	SS
SPPOC-SS08	OC-SS08	SS
SPPOC-SS12	OC-SS12	SS
SPPOC-SS16	OC-SS16	SS
SPPOC-02	OC-02	Brass
SPPOC-03	OC-03	Brass
SPPOC-04	OC-04	Brass
SPPOC-06	OC-06	Brass
SPPOC-08	OC-08	Brass
SPPOC-12	OC-12	Brass
SPPOC-16	OC-16	Brass

SPRAY TIPS



CONEJET

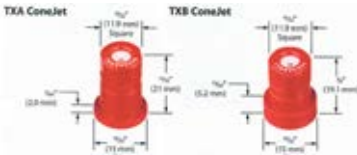
VISIFLO HOLLOW CONE SPRAY TIPS

- Finely atomized spray pattern provides thorough coverage.
- Can be used with SPPCP114444*-CE (CP114444*-CE) for Quick Teejet connection (See page 73)

Nozzle	PSI	DROP SIZE	CAPACITY TWO NOZZLES IN GPM	CAPACITY TWO NOZZLES IN OZ./MIN.	GPA \triangle 30° \triangle					PSI	CAPACITY THREE NOZZLES IN GPM	CAPACITY THREE NOZZLES IN OZ./MIN.	GPA \triangle 30° \triangle				
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH				3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TX-1	40	VF	0.033	4.2	2.2	1.6	1.3	1.1	0.93	40	0.050	6.4	3.3	2.5	2.0	1.7	1.4
	60	VF	0.039	5.0	2.6	1.9	1.5	1.3	1.1	60	0.059	7.6	3.9	2.9	2.3	1.9	1.7
	75	VF	0.043	5.5	2.8	2.1	1.7	1.4	1.2	75	0.065	8.3	4.3	3.2	2.6	2.1	1.8
	90	VF	0.047	6.0	3.1	2.3	1.9	1.6	1.3	90	0.070	9.0	4.6	3.5	2.8	2.3	2.0
TX-2	40	VF	0.067	8.6	4.4	3.3	2.7	2.2	1.9	40	0.100	13	6.6	5.0	4.0	3.3	2.8
	60	VF	0.080	10	5.3	4.0	3.2	2.6	2.3	60	0.12	15	7.9	5.9	4.8	4.0	3.4
	75	VF	0.088	11	5.8	4.4	3.5	2.9	2.5	75	0.13	17	8.6	6.4	5.1	4.3	3.7
	90	VF	0.095	12	6.3	4.7	3.8	3.1	2.7	90	0.14	18	9.2	6.9	5.5	4.6	4.0
TX-3	40	VF	0.10	13	6.6	5.0	4.0	3.3	2.8	40	0.15	19	9.9	7.4	5.9	5.0	4.2
	60	VF	0.12	15	7.9	5.9	4.8	4.0	3.4	60	0.18	23	11.9	8.9	7.1	5.9	5.1
	75	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	75	0.20	26	13.2	9.9	7.9	6.6	5.7
	90	VF	0.14	18	9.2	6.9	5.5	4.6	4.0	90	0.21	27	13.9	10.4	8.3	6.9	5.9
TX-4	40	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	40	0.20	26	13.2	9.9	7.9	6.6	5.7
	60	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	60	0.24	31	15.8	11.9	9.5	7.9	6.8
	75	VF	0.18	23	11.9	8.9	7.1	5.9	5.1	75	0.27	35	17.8	13.4	10.7	8.9	7.6
	90	VF	0.19	24	12.5	9.4	7.5	6.3	5.4	90	0.29	37	19.1	14.4	11.5	9.6	8.2
TX-6	40	F	0.22	28	14.5	10.9	8.7	7.3	6.2	40	0.33	42	22	16.3	13.1	10.9	9.3
	60	F	0.20	26	13.2	9.9	7.9	6.6	5.7	40	0.30	38	19.8	14.9	11.9	9.9	8.5
	60	VF	0.24	31	15.8	11.9	9.5	7.9	6.8	60	0.36	46	24	17.8	14.3	11.9	10.2
	75	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	75	0.40	51	26	19.8	15.8	13.2	11.3
TX-8	40	F	0.29	37	19.1	14.4	11.5	9.6	8.2	40	0.43	55	28	21	17.0	14.2	12.2
	60	F	0.33	42	22	16.3	13.1	10.9	9.3	60	0.50	64	33	25	19.8	16.5	14.1
	60	VF	0.27	35	17.8	13.4	10.7	8.9	7.6	40	0.40	51	26	19.8	15.8	13.2	11.3
	60	VF	0.32	41	21	15.8	12.7	10.6	9.1	60	0.49	63	32	24	19.4	16.2	13.9
TX-10	40	F	0.36	46	24	17.8	14.3	11.5	10.2	40	0.54	69	36	27	21.8	17.8	15.3
	60	F	0.39	50	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
	60	VF	0.45	58	30	22	17.8	14.9	12.7	40	0.68	87	45	34	27	22	19.2
	60	F	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
TX-12	40	F	0.45	58	30	22	17.8	14.9	12.7	40	0.68	87	45	34	27	22	19.2
	60	F	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
	60	VF	0.45	58	30	22	17.8	14.9	12.7	40	0.68	87	45	34	27	22	19.2
	60	F	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
TX-18	40	F	0.56	72	37	28	22	18.5	15.8	40	0.85	109	56	42	34	28	24
	60	F	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
	60	VF	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
	60	F	0.40	51	26	19.3	15.4	12.9	11.0	60	0.59	76	39	29	23	19.5	16.7
TX-26	40	F	0.60	77	40	30	24	19.8	17.0	40	0.90	115	59	45	36	30	25
	60	F	0.73	93	48	36	29	24	21	60	1.10	141	73	54	44	36	31
	75	F	0.82	105	54	41	32	27	23	75	1.23	157	81	61	49	41	35
	90	VF	0.90	115	59	45	36	30	25	90	1.35	173	89	67	53	45	38
TX-118	40	F	1.03	132	68	51	41	34	29	40	1.55	198	102	77	61	51	44
	60	F	0.87	111	57	43	34	29	25	40	1.30	166	86	64	51	43	37
	60	F	1.06	136	70	52	42	35	30	60	1.59	204	105	79	63	52	45
	75	F	1.18	151	78	58	47	39	33	75	1.78	228	117	88	70	59	50
TX-126	40	F	1.30	166	86	64	51	43	37	40	1.94	248	128	96	77	64	55
	60	F	1.49	191	98	74	59	49	42	120	2.24	287	148	111	89	74	63

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

[†]Specify material.



Nozzle	PSI	DROP SIZE	CAPACITY TWO NOZZLES IN GPM	CAPACITY TWO NOZZLES IN OZ./MIN.	GPA \triangle 30° \triangle					PSI	CAPACITY THREE NOZZLES IN GPM	CAPACITY THREE NOZZLES IN OZ./MIN.	GPA \triangle 30° \triangle				
					3 MPH	4 MPH	5 MPH	6 MPH	7 MPH				3 MPH	4 MPH	5 MPH	6 MPH	7 MPH
TXA800050VK	40	VF	0.10	13	6.6	5.0	4.0	3.3	2.8	40	0.15	19	9.9	7.4	5.9	5.0	4.2
	60	VF	0.12	15	7.9	5.9	4.8	4.0	3.4	60	0.18	23	11.9	8.9	7.1	5.9	5.1
	80	VF	0.14	18	9.2	6.9	5.5	4.6	4.0	80	0.20	26	13.2	9.9	7.9	6.6	5.7
	100	VF	0.15	19	9.9	7.4	5.9	5.0	4.2	100	0.22	28	14.5	10.9	8.7	7.3	6.2
TXB800050VK	40	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	125	0.25	32	16.5	12.4	9.9	8.3	7.1
	60	VF	0.13	17	8.6	6.4	5.1	4.3	3.7	40	0.20	26	13.2	9.9	7.9	6.6	5.7
	60	VF	0.16	20	10.6	7.9	6.3	5.3	4.5	60	0.24	31	15.8	11.9	9.5	7.9	6.8
	80	VF	0.18	23	11.9	8.9	7.1	5.9	5.1	80	0.27	35	17.8	13.4	10.7	8.9	7.6
TXA800067VK	40	VF	0.20	26	13.4	10.0	8.0	6.7	5.7	100	0.30	39	20	15.0	12.0	10.0	8.6
	60	VF	0.22	29	14.8	11.1	8.9	7.4	6.3	125	0.34	43	22	16.6	13.3	11.1	9.5
	60	F	0.20	26	13.2	9.9	7.9	6.6	5.7	40	0.30	38	19.8	14.9	11.9	9.9	8.5
	60	VF	0.24	31	15.9	11.9	9.5	7.9	6.8	60	0.36	46	24	17.9	14.3	11.9	10.2
TXB8001VK	40	VF	0.27	35	18.1	13.6	10.9	9.1	7.8	80	0.41	53	27	20	16.3	13.6	11.6
	60	VF	0.30	39	20	15.0	12.0	10.0	8.6	100	0.46	58	30	23	18.0	15.0	12.9
	60	VF	0.34	43	22	16.6	13.3	11.1	9.5	125	0.50	65	33	25	20	16.6	14.3
	60	F	0.30	38	19.8	14.9	11.9	9.9	8.5	40	0.45	58	30	22	17.8	14.9	12.7
TXA80015VK	40	F	0.36	47	24	18.0	14.4	12.0	10.3	60	0.55	70	36	27	22	18.0	15.5
	60	VF	0.42	53	28	21	16.5	13.8	11.8	80	0.63	80	41	31	25	21	17.7
	60	VF	0.46	60	31	23	18.4	15.3	13.1	100	0.70	89	46	35	28	23	19.7
	125	VF	0.52	66	34	26	20	17.1	14.6	125	0.78	99	51	38	31	26	22
TXA8002VK	40	F	0.40	51	26	19.8	15.8	13.2	11.3	40	0.60	77	40	30	24	19.8	17.0
	60	F	0.49	62	32	24	19.2	16.0	13.7	60	0.73	93	48	36	29	24	21
	80	VF	0.56	71	37	28	22	18.4	15.8	80	0.84	107	55	41	33	28	24
	100	VF	0.62	79	41	31	25	20	17.5	100	0.93	119	61	46	37	31	

Typical Assembly with Ceramic Disc and Core



*Use CP20229-NY gasket when 4514-NY Nylon slotted strainer is not used.

Orifice Discs

Available in a variety of sizes and materials. Ceramic for increased wear life, hardened stainless steel, stainless steel and polymer.



Ceramic Sizes Available:
DCER-2 through DCER-8, DCER-10.

DISC-CORE TYPE FULL CONE SPRAY TIPS

Full Cone Spray Pattern
Produced by Cores #31, 33, 35 & 56



Typical Applications:

For spraying pesticides at higher pressures and flow rates. Especially suitable for wettable powders and other abrasive chemicals. Larger capacity nozzles are also in air blast sprayers.

- Produces smaller droplets for thorough coverage with contact pesticides and foliar applications.
- Max. 300 PSI (20 bar)

Full Cone Type Spray Tips

Nozzle	Core	Orifice	GPM												
			10 PSI	20 PSI	30 PSI	40 PSI	60 PSI	80 PSI	100 PSI	150 PSI	200 PSI	300 PSI	20 PSI	40 PSI	80 PSI
D1	DC31	.031"	.08	.11	.13	.15	.18	.20	.23	.27	.31	.37	.49	.47	.43
D1.5	DC31	.036"	.10	.14	.17	.19	.23	.26	.29	.35	.40	.48	.57	.65	.53
D2	DC31	.041"	.12	.16	.19	.22	.26	.30	.33	.40	.45	.55	.62	.63	.61
D3	DC31	.047"	.13	.18	.21	.24	.29	.33	.37	.44	.50	.60	.63	.65	.63
D1	DC33	.031"	.09	.11	.12	.14	.17	.20	.22	.26	.30	.37	.27	.32	.35
D1.5	DC33	.036"	.12	.15	.17	.19	.23	.26	.30	.36	.41	.50	.37	.43	.45
D2	DC33	.041"	.13	.17	.21	.24	.29	.33	.37	.45	.52	.63	.45	.52	.55
D3	DC33	.047"	.15	.21	.25	.29	.36	.41	.45	.55	.63	.76	.48	.54	.57
D4	DC33	.063"	.20	.28	.34	.39	.47	.54	.60	.73	.83	1.02	.50	.56	.61
D1	DC35	.031"	.08	.11	.13	.14	.17	.20	.22	.26	.29	.35	.19	.23	.26
D1.5	DC35	.036"	.10	.14	.17	.19	.23	.26	.29	.34	.39	.46	.23	.27	.29
D2	DC35	.041"	.14	.18	.24	.25	.30	.34	.37	.45	.51	.60	.40	.44	.47
D3	DC35	.047"	.16	.22	.26	.30	.36	.41	.45	.55	.62	.74	.45	.50	.52
D4	DC35	.063"	.27	.37	.44	.50	.60	.70	.79	.93	1.1	1.3	.68	.70	.71
D5	DC35	.078"	.34	.48	.58	.66	.80	.92	1.0	1.2	1.4	1.7	.67	.69	.71
D2	DC56	.041"	—	—	.21	.25	.30	.35	.39	.47	.55	.67	—	.14	.17
D3	DC56	.047"	—	—	.29	.34	.41	.48	.53	.65	.75	.92	—	.20	.23
D4	DC56	.063"	—	.39	.48	.55	.67	.78	.87	1.06	1.23	1.51	.20	.26	.29
D5	DC56	.078"	.38	.54	.66	.76	.93	1.08	1.20	1.47	1.69	2.08	.20	.32	.34
D6	DC56	.094"	.55	.78	.95	1.10	1.35	1.55	1.74	2.13	2.46	3.02	.34	.39	.41
D7	DC56	.109"	.76	1.07	1.32	1.52	1.86	2.15	2.40	2.94	3.40	4.16	.45	.52	.54
D8	DC56	.125"	.96	1.36	1.67	1.93	2.36	2.73	3.05	3.73	4.32	5.28	.52	.57	.59
D10	DC56	.156"	1.35	1.91	2.34	2.70	3.31	3.82	4.26	5.22	6.03	7.39	.62	.65	.67

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

How to order:

To order orifice disc only, specify disc number and material.

Note: For proper assembly and performance, disc and core must both be of like materials.

Examples:

- DCER-2 - Ceramic
- D2 - Hardened Stainless Steel
- DE-2 - Stainless Steel
- DVP-2 - Polymer

To order core only, specify core number and material.

Examples:

- DC13-CER - Ceramic
- DC13-HSS - Hardened Stainless Steel
- DC13 - Brass
- DC13-NY - Nylon

STRAINER NOTE: For nozzles using orifice disc numbers 1, 1.5 and 2, or core numbers 31 and 33, slotted strainer number 4514-20 equivalent to 25 mesh screen size is required. For all other larger capacity discs and cores, slotted strainer number 4514-32 equivalent to 16 mesh screen size is required.

Cores

Standard cores are made of brass. Also available in ceramic, hardened stainless steel and Nylon. All cores with the exception of ceramic are made with rear "nibs." Make sure core is always placed with the nib facing the nozzle body.

Ceramic Sizes Available:

DC13-CER, DC23-CER, DC25-CER, DC31-CER, DC33-CER, DC35-CER, DC45-CER, DC46-CER, DC56-CER.



DISC-CORE TYPE HOLLOW CONE SPRAY TIPS

Hollow Cone Spray Pattern
Produced by Cores #13, 23, 25, 45 & 46



Typical Applications:

Used for directed applications in air blast spraying for orchards, vineyards and other specialty crops. Also well-suited for applications of insecticides, fungicides, defoliants and foliar fertilizers at pressures of 10 PSI (3 bar) and above.

Hollow Cone Type Spray Tips

Nozzle	Core	Orifice	GPM													
			10 PSI	20 PSI	30 PSI	40 PSI	60 PSI	80 PSI	100 PSI	150 PSI	200 PSI	300 PSI	20 PSI	40 PSI	80 PSI	
D1	DC13	.031"	—	—	.059	.066	.078	.088	.097	.115	.128	.152	—	.51	.62	
D1.5	DC13	.036"	—	.057	.067	.075	.088	.098	.110	.127	.142	.167	.38	.55	.66	
D2	DC13	.041"	—	.064	.075	.08	.10	.11	.12	.14	.16	.18	.49	.67	.72	
D3	DC13	.047"	—	.071	.08	.09	.11	.12	.13	.16	.18	.20	.53	.70	.75	
D4	DC13	.063"	.070	.09	.11	.12	.14	.16	.17	.20	.23	.27	.69	.79	.83	
D1	DC23	.031"	—	—	.064	.072	.080	.096	.107	.124	.139	.164	—	.47	.58	
D1.5	DC23	.036"	—	.064	.076	.086	.103	.117	.130	.155	.175	.210	.34	.51	.62	
D2	DC23	.041"	—	.078	.092	.10	.13	.14	.16	.19	.21	.25	.51	.63	.70	
D3	DC23	.047"	.065	.082	.10	.12	.14	.16	.18	.21	.24	.28	.58	.69	.75	
D4	DC23	.063"	.082	.113	.14	.15	.19	.21	.23	.28	.32	.38	.68	.82	.87	
D5	DC23	.078"	.095	.133	.16	.18	.22	.25	.28	.34	.38	.46	.79	.89	.94	
D6	DC23	.094"	.112	.15	.19	.21	.26	.29	.32	.39	.45	.54	.84	.93	.98	
D1	DC25	.031"	—	—	.088	.101	.122	.138	.156	.185	.210	.255	—	.27	.43	
D1.5	DC25	.036"	—	—	.118	.135	.162	.185	.205	.245	.280	.33	—	.38	.49	
D2	DC25	.041"	—	.12	.14	.16	.19	.22	.25	.29	.34	.41	.39	.51	.58	
D3	DC25	.047"	.10	.14	.17	.19	.23	.26	.29	.35	.40	.48	.52	.61	.67	
D4	DC25	.063"	.15	.21	.25	.29	.35	.40	.45	.54	.62	.75	.67	.74	.80	
D5	DC25	.078"	.18	.25	.30	.35	.42	.48	.54	.65	.75	.90	.73	.79	.84	
D6	DC25	.094"	.23	.32	.39	.44	.54	.62	.70	.85	.97	1.19	.79	.85	.89	
D7	DC25	.109"	.26	.37	.45	.52	.63	.73	.81	.98	1.18	1.37	.85	.91	.93	
D8	DC25	.125"	.31	.43	.53	.61	.75	.89	.97	1.19	1.36	1.68	.91	.96	.97	
D10	DC25	.156"	.38	.54	.65	.76	.93	1.07	1.21	1.48	1.71	2.1	.97	1.02	1.03	
D12	DC25	.188"	.46	.61	.80	.93	1.15	1.32	1.47	1.81	2.09	2.55	1.03	1.09	1.12	
D14	DC25	.219"	.51	.72	.88	1.03	1.26	1.47	1.65	2.02	2.34	2.89	1.08	1.13	1.14	
D1	DC45	.031"	—	—	—	.125	.148	.170	.190	.225	.257	.310	—	.22	.34	
D1.5	DC45	.036"	—	—	—	.14	.16	.20	.23	.25	.31	.35	.43	—	.33	.44
D2	DC45	.041"	—	.14	.18	.20	.25	.28	.32	.38	.44	.53	.32	.46	.55	
D3	DC45	.047"	—	.17	.20	.23	.28	.33	.36	.44	.51	.62	.40	.53	.60	
D4	DC45	.063"	.18	.25	.31	.36	.43	.50	.56	.68	.78	.95	.62	.69	.72	
D5	DC45	.078"	.23	.32	.39	.45	.55	.64	.71	.86	.99	1.22	.67	.73	.76	
D6	DC45	.094"	.29	.41	.50	.58	.72	.83	.93	1.15	1.33	1.64	.73	.79	.81	
D7	DC45	.109"	.33	.48	.59	.68	.84	.97	1.11	1.35	1.57	1.94	.81	.86	.87	
D8	DC45	.125"	.41	.59	.72	.84	1.04	1.21	1.35	1.68	1.94	2.40	.86	.90	.90	
D10	DC45	.156"	.54	.77	.94	1.10	1.35	1.57	1.77	2.18	2.50	3.10	.91	.93	.93	
D12	DC45	.188"	.67	.95	1.17	1.36	1.68	1.95	2.20	2.69	3.11	3.80	.97	1.00	1.02	
D14	DC45	.218"	.75	1.07	1.32	1.53	1.89	2.19	2.45	3.00	3.49	4.30	1.01	1.04	1.05	
D16	DC45	.250"	.86	1.25	1.54	1.79	2.20	2.57	2.89	3.54	4.11	5.20	1.08	1.11	1.12	
D1	DC46	.031"	—	—	—	.145	.178	.205	.23	.28	.32	.39	—	.13	.15	
D1.5	DC46	.036"	—	—	—	.213	.260	.300	.33	.41	.46	.56	—	.15	.17	
D2	DC46	.041"	—	—	.24	.27	.33	.37	.42	.50	.57	.68	—	.18	.21	
D3	DC46	.047"	—	.23	.28	.32	.39	.45	.51	.61	.70	.86	.14	.20	.24	
D4	DC46	.063"	.28	.39	.48	.56	.68	.78	.88	1.07	1.23	1.52	.23	.29	.33	
D5	DC46	.078"	.38	.54	.66	.77	.94	1.10	1.25	1.50	1.73	2.13	.33	.39	.42	
D6	DC46	.094"	.55	.78	.95	1.10	1.35	1.58	1.73	2.16	2.50	3.06	.42	.48	.50	
D7	DC46	.109"	—	.98	1.22	1.39	1.72	1.97	2.22	2.73	3.15	3.85	.48	.53	.56	
D8	DC46	.125"	—	1.59	1.84	2.25	2.62	2.93	3.60	4.17	5.05	—	.60	.62	.62	
D10	DC46	.156"	—	—	2.15	2.48	3.05	3.53	3.96	4.83	5.59	6.80	—	.60	.68	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Call for information if part numbers are not listed (-)

1-888-937-7278



FULLJET

WIDE ANGLE FULL CONE SPRAY TIPS

- Large droplets to reduce drift
- Wide spray angle allows use on 40" spacings
- Automatic spray alignment with SPPCP114444*-CE (CP114444*-CE) Quick TeeJet cap and gasket (See page 73)



NOZZLE	PSI	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	40°							20°				
				GPA							GALLONS PER 1000 SQ. FT.				
				3 MPH	4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	10 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
FL-5	15	0.34	44	16.8	12.6	10.1	8.4	7.2	6.3	5.0	1.2	0.77	0.58	0.46	
	20	0.38	49	18.8	14.1	11.3	9.4	8.1	7.1	5.6	1.3	0.86	0.65	0.52	
	30	0.46	59	23	17.1	13.7	11.4	9.8	8.5	6.8	1.6	1.0	0.78	0.63	
	40	0.50	64	25	18.6	14.9	12.4	10.6	9.3	7.4	1.7	1.1	0.85	0.68	
FL-6.5	15	0.42	54	21	15.6	12.5	10.4	8.9	7.8	6.2	1.4	0.95	0.71	0.57	
	20	0.48	61	24	17.8	14.3	11.9	10.2	8.9	7.1	1.6	1.1	0.82	0.65	
	30	0.57	73	28	21	16.9	14.1	12.1	10.6	8.5	1.9	1.3	0.97	0.78	
	40	0.65	83	32	24	19.3	16.1	13.8	12.1	9.7	2.2	1.5	1.1	0.88	
FL-8	15	0.51	65	25	18.9	15.1	12.6	10.8	9.5	7.6	1.7	1.2	0.87	0.69	
	20	0.58	74	29	22	17.2	14.4	12.3	10.8	8.6	2.0	1.3	0.99	0.79	
	30	0.70	90	35	26	21	17.3	14.9	13.0	10.4	2.4	1.6	1.2	0.95	
	40	0.80	102	40	30	24	19.8	17.0	14.9	11.9	2.7	1.8	1.4	1.1	
FL-10	15	0.67	86	33	25	19.9	16.6	14.2	12.4	9.9	2.3	1.5	1.1	0.91	
	20	0.76	97	38	28	23	18.8	16.1	14.1	11.3	2.6	1.7	1.3	1.0	
	30	0.91	116	45	34	27	23	19.3	16.9	13.5	3.1	2.1	1.5	1.2	
	40	1.00	128	50	37	30	25	21	18.6	14.9	3.4	2.3	1.7	1.4	
FL-15	15	0.97	124	48	36	29	24	21	18.0	14.4	3.3	2.2	1.6	1.3	
	20	1.11	142	55	41	33	27	24	21	16	3.8	2.5	1.9	1.5	
	30	1.32	169	65	49	39	33	28	25	20	4.5	3.0	2.2	1.8	
	40	1.50	192	74	56	45	37	32	28	22	5.1	3.4	2.6	2.0	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

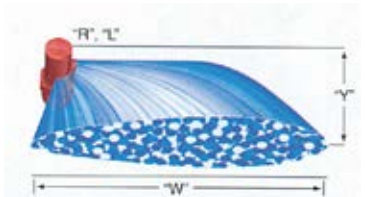
SPRAY TIPS



XP BOOMJET

BOOMLESS FLAT SPRAY NOZZLES

- Orifice produces a wide spray pattern while maintaining superior distribution across entire width
- Extra wide spray pattern - up to 18.5 feet using a single nozzle
- Removable polymer pre-orifice
- Acetal construction for excellent chemical resistance



NOZZLE	PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	SPRAY WIDTH "W" (FEET)		HEIGHT "Y" = 24"										HEIGHT "Y" = 36"									
				24" HEIGHT	36" HEIGHT	GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.					GPA FOR ONE NOZZLE					GALLONS PER 1000 SQ. FT.				
						4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	4 MPH	6 MPH	8 MPH	10 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH
(B)1/4XP10R	20	UC	0.71	8.5	10.0	10.3	6.9	5.2	4.1	2.8	2.1	0.47	0.32	0.24	0.19	8.8	5.9	4.4	3.5	2.3	1.8	0.40	0.27	0.20	0.16
	30	UC	0.87	10.0	11.0	10.8	7.2	5.4	4.3	2.9	2.2	0.49	0.33	0.25	0.20	9.8	6.5	4.9	3.9	2.6	2.0	0.45	0.30	0.22	0.18
	40	UC	1.00	11.0	12.5	11.3	7.5	5.6	4.5	3.0	2.3	0.52	0.34	0.26	0.21	9.9	6.6	5.0	4.0	2.6	2.0	0.45	0.30	0.23	0.18
(B)1/4XP10L	50	UC	1.12	12.5	13.5	11.1	7.4	5.5	4.4	3.0	2.2	0.51	0.34	0.25	0.20	10.3	6.8	5.1	4.1	2.7	2.1	0.47	0.31	0.24	0.19
	60	UC	1.22	13.0	14.5	11.6	7.7	5.8	4.6	3.1	2.3	0.53	0.35	0.27	0.21	10.4	6.9	5.2	4.2	2.8	2.1	0.48	0.32	0.24	0.19
	20	UC	1.42	9.0	11.0	19.5	13.0	9.8	7.8	5.2	3.9	0.89	0.60	0.45	0.36	16.0	10.7	8.0	6.4	4.3	3.2	0.73	0.49	0.37	0.29
(B)1/4XP20R	30	UC	1.75	11.5	12.0	18.8	12.6	9.4	7.5	5.0	3.8	0.86	0.57	0.43	0.34	18.0	12.0	9.0	7.2	4.8	3.6	0.83	0.55	0.41	0.33
	40	UC	2.00	13.5	14.0	18.3	12.2	9.2	7.3	4.9	3.7	0.84	0.56	0.42	0.34	17.7	11.8	8.8	7.1	4.7	3.5	0.81	0.54	0.40	0.32
	50	UC	2.25	14.5	15.0	19.2	12.8	9.6	7.7	5.1	3.8	0.88	0.59	0.44	0.35	18.6	12.4	9.3	7.4	5.0	3.7	0.85	0.57	0.43	0.34
(B)1/4XP20L	60	UC	2.50	15.0	16.0	21	13.8	10.3	8.3	5.5	4.1	0.94	0.63	0.47	0.38	19.3	12.9	9.7	7.7	5.2	3.9	0.89	0.59	0.44	0.35
	20	UC	1.74	10.5	11.0	21	13.7	10.3	8.2	5.5	4.1	0.94	0.63	0.47	0.38	19.6	13.1	9.8	7.8	5.2	3.9	0.90	0.60	0.45	0.36
	30	UC	2.13	12.0	13.5	22	14.6	11.0	8.8	5.9	4.4	1.0	0.67	0.50	0.40	19.5	13.0	9.8	7.8	5.2	3.9	0.89	0.60	0.45	0.36
(B)1/4XP25R	40	UC	2.50	13.5	14.5	23	15.3	11.5	9.2	6.1	4.6	1.0	0.70	0.52	0.42	21	14.2	10.7	8.5	5.7	4.3	0.98	0.65	0.49	0.39
	50	UC	2.75	14.5	15.0	23	15.6	11.7	9.4	6.3	4.7	1.1	0.72	0.54	0.43	23	15.1	11.3	9.1	6.1	4.5	1.0	0.69	0.52	0.42
	60	UC	3.00	15.0	16.0	25	16.5	12.4	9.9	6.6	5.0	1.1	0.76	0.57	0.45	23	15.5	11.6	9.3	6.2	4.6	1.1	0.71	0.53	0.43
(B)1/2XP40R	20	UC	2.87	11.0	12.0	32	22	16.1	12.9	8.6	6.5	1.5	0.99	0.74	0.59	30	19.7	14.8	11.8	7.9	5.9	1.4	0.90	0.68	0.54
	30	UC	3.53	13.0	14.5	34	22	16.8	13.4	9.0	6.7	1.5	1.0	0.77	0.62	30	20	15.1	12.1	8.0	6.0	1.4	0.92	0.69	0.55
	40	UC	4.00	14.0	15.5	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65	32	21	16.0	12.8	8.5	6.4	1.5	0.97	0.73	0.58
(B)1/2XP40L	50	UC	4.55	15.0	16.0	38	25	18.8	15.0	10.0	7.5	1.7	1.1	0.86	0.69	35	23	17.6	14.1	9.4	7.0	1.6	1.1	0.81	0.64
	60	UC	5.00	16.0	17.5	39	26	19.3	15.5	10.3	7.7	1.8	1.2	0.89	0.71	35	24	17.7	14.1	9.4	7.1	1.6	1.1	0.81	0.65
	20	UC	5.60	13.0	15.5	53	36	27	21	14.2	10.7	2.4	1.6	1.2	0.98	45	30	22	17.9	11.9	8.9	2.0	1.4	1.0	0.82
(B)1/2XP80R	30	UC	6.83	15.0	16.5	56	38	28	23	15.0	11.3	2.6	1.7	1.3	1.0	51	34	26	20	13.7	10.2	2.3	1.6	1.2	0.94
	40	UC	8.00	16.0	17.5	62	41	31	25	16.5	12.4	2.8	1.9	1.4	1.1	57	38	28	23	15.1	11.3	2.6	1.7	1.3	1.0
	50	UC	8.73	16.5	18.0	65	44	33	26	17.5	13.1	3.0	2.0	1.5	1.2	60	40	30	24	16.0	12.0	2.7	1.8	1.4	1.1
(B)1/2XP80L	60	UC	9.60	17.5	18.5	68	45	34	27	18.1	13.6	3.1	2.1	1.6	1.2	64	43	32	26	17.1	12.8	2.9	2.0	1.5	1.2



BOOMLESS NOZZLES WITH EXTRA-WIDE FLAT SPRAY PROJECTION

The 5880 BoomJet nozzles are used for spraying areas not easily accessed with a boom sprayer. It combines two off-center tips and three VeeJet® nozzles to produce a wide swath flat spray. Features a 1/4" gauge port and is supplied with one additional 1/4" NPT pipe plug and one blank tip for spraying to one side only.

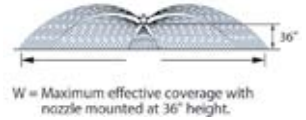


Image	Part No.	Tip	Mesh	PSI	GPM	"W" (FEET)	GPA					GALLONS PER 1000 SQ. FT.				
							4 MPH	5 MPH	7.5 MPH	10 MPH	15 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
5880-3/4-2TOC06	6733-OC06	H1/4V-1506	H1/4VVL-9502 with 50 mesh strainer	20	1.84	33.5	6.8	5.4	3.6	2.7	1.8	0.31	0.21	0.16	0.12	
				30	2.25	34	8.2	6.6	4.4	3.3	2.2	0.38	0.25	0.19	0.15	
				40	2.60	34.5	9.3	7.5	5.0	3.7	2.5	0.43	0.28	0.21	0.17	
5880-3/4-2TOC10	OC-10	H1/4U-0508HE	H1/4VVL-11004 with 50 mesh strainer	20	2.83	39.5	8.9	7.1	4.7	3.5	2.4	0.41	0.27	0.20	0.16	
				30	3.46	40	10.7	8.6	5.7	4.3	2.9	0.49	0.33	0.25	0.20	
				40	4.00	40.5	12.2	9.8	6.5	4.9	3.3	0.56	0.37	0.28	0.22	
5880-3/4-2TOC20	OC-20	H1/4U-0520HE	H1/4VVL-9506 with 50 mesh strainer	20	6.08	47	16.0	12.8	8.5	6.4	4.3	0.73	0.49	0.37	0.29	
				30	7.45	50	18.4	14.8	9.8	7.4	4.9	0.84	0.56	0.42	0.34	
				40	8.60	52	20	16.4	10.9	8.2	5.5	0.94	0.62	0.47	0.37	
5880-3/4-2TOC40	OC-40	H1/4U-0540HE	H1/4U-9510	20	12.0	56	27	21	14.1	10.6	7.1	1.2	0.81	0.61	0.49	
				30	14.7	60	30	24	16.2	12.1	8.1	1.4	0.93	0.69	0.56	
				40	17.0	63	33	27	17.8	13.4	8.9	1.5	1.0	0.76	0.61	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



TFW TURBO FLOODJET BOOMLESS NOZZLES

- Excellent spray distribution
- Ideal tip for residential and estate sprayers
- Large orifice reduces likelihood of clogging
- Extra-wide spray pattern allows tip to be used for boomless applications
- Single tip provides approximately 80° spray pattern width at 20" height
- Can be used with SPPCP25599-* -NY (CP25599-* -NY) Quick Teejet cap for automatic alignment (See page 73)

Image	PSI	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA									GALLONS PER 1000 SQ. FT.			
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	15 MPH	20 MPH	2 MPH	3 MPH	4 MPH	5 MPH	
TFW-12	20	0.85	109	15.8	12.6	10.5	7.9	6.3	5.3	4.2	3.2	0.72	0.48	0.36	0.29	
	30	1.04	133	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.88	0.59	0.44	0.35	
	35	1.12	143	21	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.63	0.48	0.38	
	40	1.20	154	22	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.0	0.68	0.51	0.41	
TFW-20	20	1.41	180	26	21	17.4	13.1	10.5	8.7	7.0	5.2	1.2	0.80	0.60	0.48	
	30	1.73	221	32	26	21	16.1	12.8	10.7	8.6	6.4	1.5	0.98	0.74	0.59	
	35	1.87	239	35	28	23	17.4	13.9	11.6	9.3	6.9	1.6	1.1	0.79	0.64	
	40	2.00	256	37	30	25	18.6	14.9	12.4	9.9	7.4	1.7	1.1	0.85	0.68	
TFW-20	50	2.24	287	42	33	28	21	16.6	13.9	11.1	8.3	1.9	1.3	0.95	0.76	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



Type 118 KLC
1/2" NPT male pipe connections

FIELDJET BOOMLESS NOZZLES

The KLC FieldJet nozzle is typically used to spray areas not accessible with a boom sprayer. Its one-piece nozzle design projects spray to both sides to form a wide swath flat spray. The round orifice minimizes clogging. Available in brass or stainless steel.

No.	Mfg. No.
Stainless Steel	
SPP1/4KLC-SS5	1/4KLC-SS5
SPP1/4KLC-SS9	1/4KLC-SS9
SPP1/4KLC-SS18	1/4KLC-SS18
SPP1/4KLC-SS36	1/4KLC-SS36
SPP3/4KLC-SS50	3/4KLC-SS50
-	3/4KLC-SS72
SPP3/4KLC-SS108	3/4KLC-SS108
Brass	
-	1/4KLC-5
SPP1/4KLC-9	1/4KLC-9
SPP1/4KLC-18	1/4KLC-18
SPP1/4KLC-36	1/4KLC-36
-	3/4KLC-50
SPP3/4KLC-72	3/4KLC-72
-	3/4KLC-108

SWIVEL SPRAY NOZZLES

Large capacity swivel nozzles, available in both single or double styles with 3/4" FPT inlet connections for use as boomless type nozzles. Spray tip not included.

Part No.
SPP4629-3/4-LESTIP



Type 4629-3/4-TOC
Single Swivel
with 3/4" NPT (F) pipe
connection. Brass.

Type 4418-3/4-2TOC
Double Swivel
with 3/4" NPT (F) pipe
connection.
Brass.



Part No. **SPP4418-3/4-2TOC40**

Call for information if part numbers are not listed (-)

1-888-937-7278

AI TEEJET (EVS)

AIR INDUCTION EVEN FLAT SPRAY TIPS

- Available with stainless steel insert, polymer holder and pre-orifice
- Larger droplets for less drift
- Ideal for banding over the row or in row middles
- Automatic spray alignment with SPPCP114442-*-CE (CP114442-*-CE) Quick TeeJet cap and gasket (See page 73)

PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA Δ 30' Δ Field Acres											
				3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
30	UC	0.13	17	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
	XC	0.15	19	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
	VC	0.18	23	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
	WC	0.21	27	13.9	11.9	10.4	9.2	8.3	7.6	6.9	6.4	5.9	5.5	5.2	4.9
	CC	0.23	29	15.2	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.4
40	UC	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	XC	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	VC	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
	WC	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
	CC	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
50	UC	0.28	36	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5
	XC	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
	VC	0.32	41	21	18.1	15.8	14.1	12.7	11.5	10.6	9.7	9.1	8.4	7.9	7.5
	WC	0.34	43	22	19.8	17.3	15.4	13.7	12.5	11.4	10.5	9.7	9.1	8.4	8.0
	CC	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
60	UC	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
	XC	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	VC	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	WC	0.53	68	35	30	26	23	21	19.1	17.5	16.1	15.0	14.0	13.1	12.3
	CC	0.57	73	38	32	28	25	23	21	18.8	17.4	16.1	15.0	14.1	13.3
70	UC	0.60	77	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
	XC	0.63	81	42	36	31	28	25	23	21	19.2	17.8	16.6	15.6	14.7
	VC	0.68	88	45	37	32	29	26	24	22	20	18.7	17.4	16.3	15.4
	WC	0.75	96	50	42	37	33	30	27	25	23	21	19.8	18.6	17.5
	CC	0.79	101	52	45	39	35	31	28	25	24	22	21	19.6	18.4
80	UC	0.52	67	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
	XC	0.56	72	36	31	28	25	22	19.8	18.3	17.0	15.8	14.9	14.0	
	VC	0.62	86	44	38	33	29	27	24	22	20	18.9	17.7	16.6	15.6
	WC	0.73	93	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0
	CC	0.79	101	52	45	39	35	31	28	26	24	22	21	19.6	18.4
90	UC	0.85	109	56	48	42	37	34	31	28	26	24	22	21	19.8
	XC	0.90	115	59	51	45	40	36	32	29	27	25	24	22	21
	VC	0.96	123	63	54	47	42	38	34	31	29	27	25	24	22
	WC	1.05	136	70	60	52	47	42	38	35	32	30	28	26	25
	CC	1.13	145	75	64	56	50	45	41	37	34	32	30	28	26
100	UC	1.20	154	79	68	59	53	48	43	40	37	34	32	30	28
	VC	1.26	161	83	71	62	55	50	45	42	38	36	33	31	29

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



SPRAY TIPS

DG TEEJET (EVS)

DRIFT GUARD EVEN FLAT SPRAY TIPS

- Pre-orifice design produces large droplets to reduce drift
- Ideal for banding over the row or in row middles
- Automatic spray alignment with SPPCP114440-*-CE (CP114440-*-CE) Quick TeeJet cap and gasket (See page 73)



PSI	DROP SIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA Δ 30' Δ Field Acres											
				3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
30	M	0.13	17	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
	F	0.15	19	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
	F	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
40	M	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
	M	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
	M	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
50	M	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
	C	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
	M	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
60	M	0.34	44	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
	M	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
	C	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
70	C	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
	M	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
	M	0.49	63	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
80	C	0.43	55	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
	C	0.50	64	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
	M	0.56	72	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
90	C	0.61	78	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).



TEEJET TP-E

EVEN FLAT SPRAY TIPS

- Provides uniform distribution throughout the flat spray pattern
- Ideal for banding over the row or in row middles
- Easily mounted on spray boom or planter
- Automatic spray alignment with SPPCP114440-*-CE (CP114440-*-CE) Quick TeeJet cap and gasket



PSI	CAPACITY ONE NOZZLE IN GPM	GPA \triangle 30° \triangle Field Acres											
		3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
20	0.071	4.7	4.0	3.5	3.1	2.8	2.6	2.3	2.2	2.0	1.9	1.8	1.7
30	0.087	5.7	4.9	4.3	3.8	3.4	3.1	2.9	2.7	2.5	2.3	2.2	2.0
40	0.10	6.6	5.7	5.0	4.4	4.0	3.6	3.3	3.0	2.8	2.6	2.5	2.3
50	0.11	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6
60	0.12	7.9	6.8	5.9	5.3	4.8	4.3	4.0	3.7	3.4	3.2	3.0	2.8
20	0.11	7.3	6.2	5.4	4.8	4.4	4.0	3.6	3.4	3.1	2.9	2.7	2.6
30	0.13	8.6	7.4	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0
40	0.15	9.9	8.5	7.4	6.6	5.9	5.4	5.0	4.6	4.2	4.0	3.7	3.5
50	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
60	0.18	11.9	10.2	8.9	7.9	7.1	6.5	5.9	5.5	5.1	4.8	4.5	4.2
20	0.14	9.2	7.9	6.9	6.2	5.5	5.0	4.6	4.3	4.0	3.7	3.5	3.3
30	0.17	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
40	0.20	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
50	0.22	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
60	0.24	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
20	0.21	13.9	11.9	10.4	9.2	8.3	7.6	6.9	6.4	5.9	5.5	5.2	4.9
30	0.26	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
40	0.30	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
50	0.34	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
60	0.37	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
20	0.28	18.5	15.8	13.9	12.3	11.1	10.1	9.2	8.5	7.9	7.4	6.9	6.5
30	0.35	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
40	0.40	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
50	0.45	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
60	0.49	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
20	0.35	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
30	0.43	28	24	21	18.9	17.0	15.5	14.2	13.1	12.2	11.4	10.6	10.0
40	0.50	33	28	25	22	19.8	18.0	16.5	15.2	14.1	13.2	12.4	11.6
50	0.56	37	32	28	25	22	20	18.5	17.1	15.8	14.8	13.9	13.0
60	0.61	40	35	30	27	24	22	20	18.6	17.3	16.1	15.1	14.2
20	0.42	28	24	21	18.5	16.6	15.1	13.9	12.8	11.9	11.1	10.4	9.8
30	0.52	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
40	0.60	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
50	0.67	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
60	0.73	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0
20	0.57	38	32	28	25	23	21	18.8	17.4	16.1	15.0	14.1	13.3
30	0.69	46	39	34	30	27	25	23	21	19.5	18.2	17.1	16.1
40	0.80	53	45	40	35	32	29	26	24	23	21	19.8	18.6
50	0.89	59	50	44	39	35	32	29	27	25	23	22	21
60	0.98	65	55	49	43	39	35	32	30	28	26	24	23
20	0.71	47	40	35	31	28	26	23	22	20	18.7	17.6	16.5
30	0.87	57	49	43	38	34	31	29	27	25	23	22	20
40	1.00	66	57	50	44	40	36	33	30	28	26	25	23
50	1.12	74	63	55	49	44	40	37	34	32	30	28	26
60	1.22	81	69	60	54	48	44	40	37	35	32	30	28
20	1.06	70	60	52	47	42	38	35	32	30	28	26	25
30	1.30	86	74	64	57	51	47	43	40	37	34	32	30
40	1.50	99	85	74	66	59	54	50	46	42	40	37	35
50	1.68	111	95	83	74	67	60	55	51	48	44	42	39
60	1.84	121	104	91	81	73	66	61	56	52	49	46	43

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136-157 for useful

TWINJET (EVS)

EVEN FLAT SPRAY TIPS

Twinjet even tips combine the advantages of twin flat spray patterns with even distribution across the pattern. The sprays provide improved coverage of crop or weed without sacrificing uniformity.



PSI	DROPSIZE	CAPACITY ONE NOZZLE IN GPM	CAPACITY ONE NOZZLE IN OZ./MIN.	GPA \triangle 30° \triangle Field Acres											
				3 MPH	3.5 MPH	4 MPH	4.5 MPH	5 MPH	5.5 MPH	6 MPH	6.5 MPH	7 MPH	7.5 MPH	8 MPH	8.5 MPH
30	F	0.17	22	11.2	9.6	8.4	7.5	6.7	6.1	5.6	5.2	4.8	4.5	4.2	4.0
40	F	0.20	26	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.7	5.3	5.0	4.7
50	F	0.22	28	14.5	12.4	10.9	9.7	8.7	7.9	7.3	6.7	6.2	5.8	5.4	5.1
60	F	0.24	31	15.8	13.6	11.9	10.6	9.5	8.6	7.9	7.3	6.8	6.3	5.9	5.6
30	F	0.26	33	17.2	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.4	6.9	6.4	6.1
40	F	0.30	38	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0
50	F	0.34	44	22	19.2	16.8	15.0	13.5	12.2	11.2	10.4	9.6	9.0	8.4	7.9
60	F	0.37	47	24	21	18.3	16.3	14.7	13.3	12.2	11.3	10.5	9.8	9.2	8.6
30	M	0.35	45	23	19.8	17.3	15.4	13.9	12.6	11.6	10.7	9.9	9.2	8.7	8.2
40	F	0.40	51	26	23	19.8	17.6	15.8	14.4	13.2	12.2	11.3	10.6	9.9	9.3
50	F	0.45	58	30	25	22	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5
60	F	0.49	63	32	28	24	22	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4
30	M	0.52	67	34	29	26	23	21	18.7	17.2	15.8	14.7	13.7	12.9	12.1
40	M	0.60	77	40	34	30	26	24	22	19.8	18.3	17.0	15.8	14.9	14.0
50	M	0.67	86	44	38	33	29	27	24	22	20	19.0	17.7	16.6	15.6
60	M	0.73	93	48	41	36	32	29	26	24	22	21	19.3	18.1	17.0

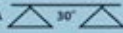
Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Call for information if part numbers are not listed (-)

STREAMJET SOLID STREAM SPRAY NOZZLES

- Permits banding fluids at high rig speeds.
- Lower drift potential.
- Large orifices with no internal obstructions permit non-clogging suspension applications.



	PSI	CAPACITY ONE NOZZLE IN GPM	GPA 								
			4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
H1/4U-SS0004 TP0004-SS	10	0.20	9.9	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0
	20	0.28	13.9	9.2	6.9	5.5	4.6	4.0	3.5	3.1	2.8
	30	0.35	17.3	11.6	8.7	6.9	5.8	5.0	4.3	3.9	3.5
H1/4U-SS0006 TP0006-SS	10	0.30	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0
	20	0.42	21	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2
	30	0.52	26	17.2	12.9	10.3	8.6	7.4	6.4	5.7	5.1
H1/4U-SS0008 TP0008-SS	10	0.40	19.8	13.2	9.9	7.9	6.6	5.7	5.0	4.4	4.0
	20	0.57	28	18.8	14.1	11.3	9.4	8.1	7.1	6.3	5.6
	30	0.69	34	23	17.1	13.7	11.4	9.8	8.5	7.6	6.8
H1/4U-SS0010 TP0010-SS	10	0.50	25	16.5	12.4	9.9	8.3	7.1	6.2	5.5	5.0
	20	0.71	35	23	17.6	14.1	11.7	10.0	8.8	7.8	7.0
	30	0.87	43	29	22	17.2	14.4	12.3	10.8	9.6	8.6
H1/4U-SS0015 TP0015-SS	10	0.75	37	25	19	14.9	12.4	10.6	9.3	8.3	7.4
	20	1.06	52	35	26	21	17.5	15.0	13.1	11.7	10.5
	30	1.30	64	43	32	26	21	18.4	16.1	14.3	12.9
H1/4U-SS0020 TP0020-SS	10	1.00	50	33	25	19.8	16.5	14.1	12.4	11.0	9.9
	20	1.41	70	47	35	28	23	19.9	17.4	15.5	14.0
	30	1.73	86	57	43	34	29	24	21	19.0	17.1
H1/4U-SS0030 TP0030-SS	10	1.50	74	50	37	30	25	21	18.6	16.5	14.9
	20	2.12	105	70	52	42	35	30	26	23	21
	30	2.60	129	86	64	51	43	37	32	29	26
H1/4U-SS0040 TP0040-SS	10	2.00	99	66	50	40	33	28	25	22	20
	20	2.83	140	93	70	56	47	40	35	31	28
	30	3.46	171	114	86	69	57	49	43	38	34
H1/4U-SS0050	10	2.50	124	83	62	50	41	35	31	28	25
	20	3.54	175	117	88	70	58	50	44	39	35
	30	4.33	214	143	107	86	71	61	54	48	43
H1/4U-SS0060	10	3.00	149	99	74	59	50	42	37	33	30
	20	4.24	210	140	105	84	70	60	52	47	42
	30	5.20	257	172	129	103	86	74	64	57	51
	40	6.00	297	198	149	119	99	85	74	66	59

SPRAY TIPS



STREAMJET SJ3 FERTILIZER NOZZLES

- Three solid streams of equal velocity and capacity with removable metering orifice
- All acetal construction for excellent chemical resistance
- Use with Quick Teejet cap SPPCP114442-*CE (CP114442-*CE) (See page 73)
- Equally spaced distribution 20" height
- Recommended operating pressure: 20–60 PSI



NOZZLE	PSI	CAPACITY ONE NOZZLE IN GPM	GPA Δ 20"											
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH	
SJ3-015-VP (150)	20	0.11	10.9	8.2	6.5	5.4	4.1	3.3	2.7	2.3	2.0	1.8	1.6	
	30	0.13	12.9	9.7	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9	
	40	0.15	14.9	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	
SJ3-02-VP (50)	20	0.16	15.8	11.9	9.5	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	
	30	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
	40	0.20	19.8	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	
SJ3-03-VP (50)	20	0.21	21	15.6	12.5	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1	
	30	0.22	22	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3	
	40	0.24	24	17.8	14.3	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	
SJ3-04-VP (50)	20	0.27	27	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.5	4.0	
	30	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5	
	40	0.33	33	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	5.4	4.9	
SJ3-05-VP (50)	20	0.35	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
	30	0.39	39	28	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	
	40	0.40	40	30	24	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	
SJ3-06-VP (50)	20	0.43	43	32	26	21	16.0	12.8	10.6	9.1	8.0	7.1	6.4	
	30	0.47	47	35	28	23	17.4	14.0	11.6	10.0	8.7	7.5	7.0	
	40	0.49	49	39	31	25	19.6	16.3	14.0	12.3	10.9	9.8	9.0	
SJ3-08-VP	20	0.56	56	42	33	28	21	16.6	13.9	11.9	10.4	9.2	8.3	
	30	0.60	60	45	36	30	22	17.8	14.9	12.7	11.1	9.9	8.9	
	40	0.66	66	49	39	33	25	19.6	16.3	14.0	12.3	10.9	9.8	
SJ3-10-VP	20	0.69	69	52	42	35	26	21	17.3	14.9	13.0	11.6	10.4	
	30	0.72	71	53	43	36	27	21	17.8	15.3	13.4	11.9	10.7	
	40	0.80	79	59	48	40	30	24	19.8	17.0	14.9	13.2	11.9	
SJ3-15-VP	20	0.88	87	65	52	44	33	26	22	18.7	16.3	14.5	13.1	
	30	0.94	93	70	56	47	35	28	23	19.9	17.4	15.5	14.0	
	40	1.00	99	74	59	50	37	30	25	21	18.6	16.5	14.9	
SJ3-20-VP	20	1.11	110	82	66	55	41	33	27	24	21	18.3	16.5	
	30	1.19	118	88	71	59	44	35	29	25	22	19.6	17.7	
	40	1.29	128	96	77	64	48	38	32	27	24	21	19.3	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136-157 for useful formulas and other information.



STREAMJET SJ7 FERTILIZER NOZZLES

- Seven solid streams of equal velocity and capacity with removable metering orifice
- All acetal construction for excellent chemical resistance



NOZZLE	PSI	CAPACITY ONE NOZZLE IN GPM	GPA Δ 20"											
			3 MPH	4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH	
SJ7-015-VP (150)	20	0.10	9.9	7.4	5.9	5.0	3.7	3.0	2.5	2.1	1.9	1.7	1.5	
	30	0.12	11.9	8.9	7.1	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8	
	40	0.15	14.9	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2	
SJ7-02-VP (50)	20	0.16	15.8	11.9	9.5	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	
	30	0.17	16.8	12.6	10.1	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	
	40	0.20	19.8	14.9	11.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	
SJ7-03-VP (50)	20	0.21	21	15.6	12.5	10.4	7.8	6.2	5.2	4.5	3.9	3.5	3.1	
	30	0.22	22	16.3	13.1	10.9	8.2	6.5	5.4	4.7	4.1	3.6	3.3	
	40	0.24	24	17.8	14.3	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	
SJ7-04-VP (50)	20	0.27	27	20	16.0	13.4	10.0	8.0	6.7	5.7	5.0	4.5	4.0	
	30	0.30	30	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	4.5	
	40	0.33	33	25	19.6	16.3	12.3	9.8	8.2	7.0	6.1	5.4	4.9	
SJ7-05-VP (50)	20	0.35	35	26	21	17.3	13.0	10.4	8.7	7.4	6.5	5.8	5.2	
	30	0.39	39	28	22	17.8	14.9	11.1	8.9	7.4	6.4	5.6	5.0	
	40	0.40	40	30	24	19.8	14.9	11.9	9.9	8.5	7.4	6.6	5.9	
SJ7-06-VP (50)	20	0.43	43	32	26	21	16.0	12.8	10.6	9.1	8.0	7.1	6.4	
	30	0.46	46	34	27	23	17.1	13.7	11.4	9.8	8.5	7.5	6.8	
	40	0.49	49	39	31	25	19.6	16.3	14.0	12.3	10.9	9.8	9.0	
SJ7-08-VP	20	0.56	56	42	33	28	21	16.6	13.9	11.9	10.4	9.2	8.3	
	30	0.60	60	45	36	30	22	17.8	14.9	12.7	11.1	9.9	8.9	
	40	0.66	66	49	39	33	25	19.6	16.3	14.0	12.3	10.9	9.8	
SJ7-10-VP	20	0.69	69	52	42	35	26	21	17.3	14.9	13.0	11.6	10.4	
	30	0.72	71	53	43	36	27	21	17.8	15.3	13.4	11.9	10.7	
	40	0.80	79	59	48	40	30	24	19.8	17.0	14.9	13.2	11.9	
SJ7-15-VP	20	0.88	87	65	52	44	33	26	22	18.7	16.3	14.5	13.1	
	30	0.94	93	70	56	47	35	28	23	19.9	17.4	15.5	14.0	
	40	1.00	99	74	59	50	37	30	25	21	18.6	16.5	14.9	

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C). See pages 136-157 for useful formulas and other information.



50854-NYB Extension Adapter

STREAMJET VARIABLE RATE NOZZLES

- Produces 3 or 7 identical fluid stream for excellent distribution quality in broadcast applications
- Solid stream pattern minimizes leaf burn and reduces drift
- Acetal body and deflector plate construction for good wear life and chemical resistance
- EPDM elastomer variable orifice for reliable operation
- Intended for use with flow meter based control systems
- Multiple capacities available for wider range of application rates
- Recommended operating pressures: SJ3 : 20 - 100PSI
SJ7 : 30 - 80PSI



STREAMJET 3

No.	Description
SPPSJ3-VR-X0.5	X0.5
SPPSJ3-VR-X1.0	X1.0
SPPSJ3-VR-X2.0	X2.0



STREAMJET 7

No.	Description
SPPSJ7A-VR-X0.5	X0.5
SPPSJ7A-VR-X1.0	X1.0
SPPSJ7A-VR-X2.0	X2.0

PTC-VR VARIABLE RATE ASSEMBLY



- Push-to-Connect variable rate fertilizer assemblies feature a variable diameter orifice that produces a wide range of flow rates
- Nylon construction for excellent strength and chemical resistance
- Simple, elastomer (EPDM) variable orifice for reliable, long-term operation
- Recommended operating pressure 10-100 PSI

No.	Description
SPPPTC-VR-X1.0-1/4	1/4" - RED X1.0
SPPPTC-VR-X1.0-1/4-2	1/4" - RED X1.0 - w/ 2 PSI DCV
SPPPTC-VR-X1.0-1/4-5	1/4" - RED X1.0 - w/ 5 PSI DCV
SPPPTC-VR-X1.0-1/4-10	1/4" - RED X1.0 - w/ 10 PSI DCV

No.	Description
SPPPTC-VR-X1.0-5/16	5/16" - RED X1.0
SPPPTC-VR-X1.0-5/16-2	5/16" - RED X1.0 - w/ 2 PSI DCV
SPPPTC-VR-X1.0-5/16-5	5/16" - RED X1.0 - w/ 5 PSI DCV
SPPPTC-VR-X1.0-5/16-10	5/16" - RED X1.0 - w/ 10 PSI DCV

No.	Description
SPPPTC-VR-X1.0-3/8	3/8" - RED X1.0
SPPPTC-VR-X1.0-3/8-2	3/8" - RED X1.0 - w/ 2 PSI DCV
SPPPTC-VR-X1.0-3/8-5	3/8" - RED X1.0 - w/ 5 PSI DCV
SPPPTC-VR-X1.0-3/8-10	3/8" - RED X1.0 - w/ 10 PSI DCV

No.	Description
SPPPTC-VR-X2.0-5/16	5/16" - LIGHT BLUE X2.0
SPPPTC-VR-X2.0-3/8	3/8" - LIGHT BLUE X2.0

DCV - Diaphragm Check Valve

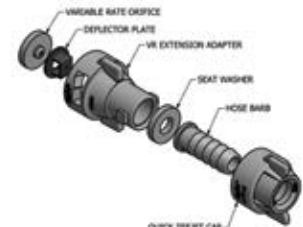
QJ-VR METERING ASSEMBLY

- 3/8" Nylon HB
- Designed for use in flowmeter-based application systems
- Removable variable rate orifice (EPDM) for easy cleaning
- Variable rate for a wide range application speeds and rates
- Nylon, Acetal & EPDM construction for excellent chemical resistance
- Recommended 20 - 100 PSI



No.	Description
SPPQJ-VR-X0.5	YELLOW X0.5
SPPQJ-VR-X1.0	RED X1.0
SPPQJ-VR-X2.0	LIGHT BLUE X2.0

QJ-VR HOSE BARB METERING ASSEMBLY



No.	Description
SPPQJ-VR-X0.5-1/4-SS	1/4" SS HB - YELLOW X0.5
SPPQJ-VR-X0.5-5/16-SS	5/16" SS HB - YELLOW X0.5
SPPQJ-VR-X0.5-3/8-SS	3/8" SS HB - YELLOW X0.5
SPPQJ-VR-X0.5-3/8-NYB	3/8" POLY HB - YELLOW X0.5

No.	Description
SPPQJ-VR-1/4-SS	1/4" SS HB - RED X1.0
SPPQJ-VR-X1.0-5/16-SS	5/16" SS HB - RED X1.0
SPPQJ-VR-X1.0-3/8-SS	3/8" SS HB - RED X1.0
SPPQJ-VR-X1.0-3/8-NYB	3/8" POLY HB - RED X1.0

No.	Description
SPPQJ-VR-X2.0-3/8-NYB	3/8" POLY HB - LIGHT BLUE X2.0
SPPQJ-VR-X2.0-3/8-SS	3/8" SS HB - LIGHT BLUE X2.0
SPPQJ-VR-X2.0-1/2-NYB	1/2" POLY HB - LIGHT BLUE X2.0
SPPQJ-VR-X2.0-1/2-SS	1/2" SS HB - LIGHT BLUE X2.0



No.	Description
SPPPTC-VR-X0.5-1/4	1/4" - YELLOW X0.5
SPPPTC-VR-X0.5-1/4-2	1/4" - YELLOW X0.5 - w/ 2 PSI DCV
SPPPTC-VR-X0.5-1/4-5	1/4" - YELLOW X0.5 - w/ 5 PSI DCV
SPPPTC-VR-X0.5-1/4-10	1/4" - YELLOW X0.5 - w/ 10 PSI DCV

No.	Description
SPPPTC-VR-X0.5-3/8	3/8" - YELLOW X0.5
SPPPTC-VR-X0.5-3/8-2	3/8" - YELLOW X0.5 - w/ 2 PSI DCV
SPPPTC-VR-X0.5-3/8-5	3/8" - YELLOW X0.5 - w/ 5 PSI DCV
SPPPTC-VR-X0.5-3/8-10	3/8" - YELLOW X0.5 - w/ 10 PSI DCV

No.	Description
SPPPTC-VR-X0.5-5/16	5/16" - YELLOW X0.5
SPPPTC-VR-X0.5-5/16-2	5/16" - YELLOW X0.5 - w/ 2 PSI DCV
SPPPTC-VR-X0.5-5/16-5	5/16" - YELLOW X0.5 - w/ 5 PSI DCV
SPPPTC-VR-X0.5-5/16-10	5/16" - YELLOW X0.5 - w/ 10 PSI DCV

TEEJET FLOW REGULATORS

Flow Regulators are usually mounted behind cultivator shanks for the subsurface application of liquid fertilizers and soil fumigants. They are also used for above-ground streaming applications.

How to order:

Specify orifice plate number.
Example: CP4916-008

Typical Assembly



See Page 80



Note: Always insert Orifice Plate with side marked with number facing the outlet.
MATERIAL: Stainless Steel

To determine the orifice plates you need, use the following equations:

$$\text{GPM (Per Nozzle)} = \frac{\text{GPA} \times \text{MPH} \times \text{W}}{5,940}$$

$$\text{GPA} = \frac{5,940 \times \text{GPM (Per Nozzle)}}{\text{MPH} \times \text{W}}$$

- W = Nozzle spacing (in inches) for broadcast spraying.
- = Spray width (in inches) for single nozzle, band spraying or boomless spraying.
- = Row spacing (in inches) divided by the number of nozzles per row for directed spraying.

Tip Strainer Size Recommendation

FOR ORIFICE SIZE	USE MESH SIZE
15 and smaller	200
16-39	100
40-70	50
72 and larger	—

Tabulated flow rates are for spraying water into air at atmospheric pressure. If your application creates backpressure, or if spraying into a liquid, measure and calibrate to ensure proper application rates.

Viton Gasket - Part No. **SPPCP18999-VI**
EPDM Gasket - Part No. **SPPCP18999-EPR**

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-008	0.003	0.004	0.006	0.007	0.008	0.009	0.010
CP4916-10	0.005	0.007	0.009	0.011	0.013	0.015	0.016
CP4916-12	0.007	0.010	0.013	0.016	0.019	0.021	0.023
CP4916-14	0.009	0.013	0.018	0.022	0.025	0.028	0.031
CP4916-15	0.010	0.015	0.021	0.025	0.029	0.032	0.036
CP4916-16	0.012	0.017	0.023	0.029	0.033	0.037	0.040
CP4916-18	0.015	0.021	0.030	0.036	0.042	0.047	0.051
CP4916-20	0.018	0.026	0.037	0.045	0.052	0.058	0.064
CP4916-22	0.022	0.031	0.043	0.053	0.061	0.068	0.075
CP4916-24	0.026	0.037	0.052	0.064	0.074	0.083	0.091
CP4916-25	0.028	0.040	0.056	0.068	0.079	0.088	0.097
CP4916-26	0.030	0.043	0.061	0.074	0.086	0.096	0.105
CP4916-27	0.032	0.046	0.064	0.079	0.091	0.102	0.111
CP4916-28	0.035	0.049	0.069	0.085	0.098	0.110	0.120
CP4916-29	0.038	0.054	0.076	0.094	0.108	0.121	0.132
CP4916-30	0.040	0.057	0.081	0.099	0.114	0.127	0.140
CP4916-31	0.043	0.062	0.087	0.107	0.123	0.138	0.151
CP4916-32	0.048	0.068	0.095	0.117	0.135	0.151	0.165
CP4916-34	0.052	0.074	0.104	0.127	0.147	0.164	0.180
CP4916-35	0.056	0.079	0.111	0.136	0.157	0.176	0.192
CP4916-37	0.061	0.086	0.122	0.149	0.172	0.192	0.211
CP4916-39	0.068	0.096	0.135	0.165	0.191	0.214	0.234
CP4916-40	0.072	0.102	0.144	0.177	0.204	0.228	0.250
CP4916-41	0.075	0.106	0.149	0.183	0.211	0.236	0.258
CP4916-43	0.082	0.116	0.163	0.200	0.231	0.258	0.283
CP4916-45	0.088	0.125	0.177	0.217	0.250	0.280	0.306
CP4916-46	0.095	0.135	0.191	0.234	0.270	0.302	0.331

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-47	0.097	0.138	0.194	0.238	0.275	0.307	0.337
CP4916-48	0.101	0.143	0.202	0.248	0.286	0.320	0.350
CP4916-49	0.104	0.148	0.209	0.255	0.295	0.330	0.361
CP4916-51	0.116	0.165	0.233	0.285	0.329	0.368	0.403
CP4916-52	0.118	0.168	0.237	0.290	0.335	0.375	0.410
CP4916-54	0.127	0.180	0.255	0.312	0.360	0.402	0.441
CP4916-55	0.133	0.189	0.267	0.326	0.377	0.421	0.462
CP4916-57	0.141	0.200	0.283	0.346	0.400	0.447	0.490
CP4916-59	0.153	0.217	0.306	0.375	0.433	0.484	0.530
CP4916-61	0.165	0.233	0.330	0.404	0.466	0.521	0.571
CP4916-63	0.174	0.246	0.347	0.425	0.491	0.549	0.601
CP4916-65	0.185	0.261	0.369	0.452	0.522	0.584	0.639
CP4916-67	0.196	0.278	0.392	0.481	0.555	0.621	0.680
CP4916-68	0.203	0.287	0.405	0.496	0.573	0.641	0.702
CP4916-70	0.216	0.306	0.433	0.530	0.612	0.684	0.750
CP4916-72	0.226	0.320	0.453	0.554	0.640	0.716	0.784
CP4916-73	0.233	0.330	0.467	0.572	0.660	0.738	0.808
CP4916-75	0.245	0.347	0.491	0.601	0.694	0.776	0.850
CP4916-78	0.272	0.385	0.544	0.667	0.770	0.861	0.943
CP4916-80	0.280	0.397	0.561	0.687	0.793	0.887	0.971
CP4916-81	0.290	0.411	0.581	0.711	0.821	0.918	1.01
CP4916-83	0.317	0.449	0.634	0.777	0.897	1.00	1.10
CP4916-86	0.332	0.470	0.664	0.813	0.939	1.05	1.15
CP4916-89	0.346	0.490	0.693	0.849	0.980	1.10	1.20
CP4916-91	0.369	0.523	0.739	0.905	1.05	1.17	1.28
CP4916-93	0.387	0.547	0.774	0.947	1.09	1.22	1.34
CP4916-95	0.404	0.572	0.808	0.990	1.14	1.28	1.40

	GPM						
	5 PSI	10 PSI	20 PSI	30 PSI	40 PSI	50 PSI	60 PSI
CP4916-98	0.442	0.625	0.884	1.08	1.25	1.40	1.53
CP4916-103	0.461	0.653	0.923	1.13	1.31	1.46	1.60
CP4916-107	0.518	0.733	1.04	1.27	1.47	1.64	1.79
CP4916-110	0.548	0.775	1.10	1.34	1.55	1.73	1.90
CP4916-115	0.605	0.855	1.21	1.48	1.71	1.91	2.09
CP4916-120	0.629	0.890	1.26	1.54	1.78	1.99	2.18
CP4916-125	0.693	0.980	1.39	1.70	1.96	2.19	2.40
CP4916-128	0.721	1.02	1.44	1.77	2.04	2.28	2.50
CP4916-132	0.774	1.10	1.55	1.90	2.19	2.45	2.68
CP4916-136	0.840	1.19	1.68	2.06	2.38	2.66	2.91
CP4916-140	0.894	1.27	1.79	2.19	2.53	2.83	3.10
CP4916-144	0.926	1.31	1.85	2.27	2.62	2.93	3.21
CP4916-147	0.953	1.35	1.91	2.33	2.70	3.01	3.30
CP4916-151	1.04	1.47	2.08	2.55	2.94	3.29	3.60
CP4916-156	1.10	1.55	2.20	2.69	3.11	3.47	3.80
CP4916-161	1.15	1.63	2.31	2.83	3.27	3.65	4.00
CP4916-166	1.21	1.72	2.43	2.97	3.43	3.84	4.20
CP4916-170	1.30	1.84	2.61	3.19	3.69	4.12	4.51
CP4916-172	1.36	1.92	2.71	3.32	3.84	4.29	4.70
CP4916-177	1.41	2.00	2.83	3.46	4.00	4.47	4.90
CP4916-182	1.47	2.08	2.95	3.61	4.17	4.66	5.10
CP4916-187	1.56	2.21	3.12	3.82	4.41	4.93	5.40
CP4916-196	1.73	2.45	3.46	4.24	4.90	5.47	6.00
CP4916-205	1.88	2.65	3.75	4.59	5.31	5.93	6.50
CP4916-218	2.11	2.98	4.21	5.16	5.96	6.66	7.30
CP4916-234	2.45	3.47	4.91	6.01	6.94	7.76	8.50
CP4916-250	2.83	4.00	5.66	6.93	8.00	8.94	9.80

Note: Always double check your application rates. Tabulations are based on spraying water at 70°F (21°C).

Pre & Post Emerge Herbicide

Drift Reducing, Dual Air Education

Post Emerge Plant Health

Enhanced Coverage

Enhanced Coverage, Air Education

Twin Enhanced Coverage, Air Education



Ultra-Lo Drift™

Ideal for pre- and post-emerge application of systemic herbicides

Large air-centered droplets provide superior resistance to drift, while providing good coverage of weed foliage.



Guardian™

Good for application of post-emerge plant health protectants

The engineered spray pattern provides a medium droplet with a high droplet count for coverage and a versatile inclined spray that can be aimed alternating forward and rearward.



GuardianAir™

Ideal for on-target application of post-emerge plant health protectants

The engineered spray pattern provides an air-filled medium droplet with a high droplet count for coverage and a rearward-inclined pattern provides more uniform coverage over a wide operating pressure capability.



GuardianAir Twin™

Ideal for high-coverage application of post-emerge plant health protectants

The engineered spray pattern provides an air-filled medium droplet with a high droplet count for coverage and a twin rearward-inclined pattern provides more uniform coverage over a wide operating pressure capability.

Note: Add SPP Prefix to Part Numbers

Spray Tip	Uses	Pressure Range	Part Number	Droplet Size			
				30	40	60	80
Ultra Lo-Drift™		15-115	FC-ULD120-015	C	C	M	M
			FC-ULD120-02	C	C	C	M
			FC-ULD120-025	C	C	C	M
			FC-ULD120-03	VC	C	C	M
			FC-ULD120-04	VC	C	C	M
			FC-ULD120-05	VC	VC	C	C
			FC-ULD120-06	XC	VC	VC	C
			FC-ULD120-08	XC	VC	VC	C
GuardianAIR Twin™		30-115	GAT110-02	C	M	M	M
			GAT110-025	VC	C	M	M
			GAT110-03	VC	C	M	M
			GAT110-04	C	M	M	M
			GAT110-05	VC	C	M	M
			GAT110-06	VC	C	M	M
			GAT110-08	VC	VC	C	M

Spray Tip	Uses	Pressure Range	Part Number	Droplet Size			
				30	40	60	80
Guardian™		15-115	GRD120-01	C	M	M	M
			GRD120-015	C	M	M	M
			GRD120-02	C	C	M	M
			GRD120-025	C	C	M	M
			GRD120-03	C	C	C	M
			GRD120-04	C	C	C	M
			GRD120-05	C	C	C	M
			GRD120-06	C	C	C	M
GuardianAIR™		15-115	FC-GA110-015	VC	C	C	M
			FC-GA110-02	VC	C	C	M
			FC-GA110-025	VC	C	C	M
			FC-GA110-03	VC	C	C	C
			FC-GA110-035	VC	C	C	C
			FC-GA110-04	VC	C	C	C
			FC-GA110-05	VC	C	C	C

Weed Control Plant Health Fertilizer Air Induction Twin Spray

BOOM X TENDER BOOMLESS FLAT FAN SPRAY NOZZLES



Features

Common Use	Weeds
Pattern	Boomless Fan
Technology	Pre-Orific
Material	Stainless or Polyacetal
Spray Angle	105°
Pressure Range	30 - 60 PSI
Configuration	MNPT & FastCap

- Ideal for applications where a conventional boom cannot be used due to obstacles, such as power poles, guardrails, fences, trees, etc.
- Common uses include orchard, vineyard, forestry, pasture, turf and golf course spraying, as well as maintaining rights-of-way and fence rows
- Excellent low drift option while extending spray reach
- Large droplet size reduces spray drift and promotes spray penetration
- Maintains a consistent and adjustable spray swath over a pressure range of 30-60 PSI
- FastCap® models include tip, cap and gasket for fast change out and safer handling.
- Standard models with precision molded polyacetal tip and threaded stainless steel body provide excellent durability and low maintenance
- Can be used with manual or automatic rate controllers

No.	Size
SPPXT010	1/4"
SPPXT020	1/4"
SPPXT024	1/4"
SPPXT043	3/8"
SPPXT080	1/2"
SPPXT167	3/4"
SPPXT215	3/4"
SPPFC-XT020	Fast Cap
SPPFC-XT024	Fast Cap
SPPFC-XT043	Fast Cap

HYPRO LOW DRIFT FLAT SPRAY TIP



- Pre-orifice design produces larger droplets and reduces the small drift prone droplets, minimizing off-target spray contamination
- Tapered edge flat spray pattern provides uniform coverage when adjacent nozzle patterns are overlapped in broadcast spraying
- The color-coded pre-orifice is removable for any necessary cleaning operations
- Use cap SPPCP114440-*-CE (CP114440-*-CE) (See page 73)

80° Hypro LD

Size	No.	Mfg. No.
015	SPPLD015F80	LD80-015
02	SPPLD02F80	LD80-02
03	SPPLD03F80	LD80-03
04	SPPLD04F80	LD80-04

110° Hypro LD

Size	No.	Mfg. No.
015	SPPLD015F110	LD110-015
02	SPPLD02F110	LD110-02
03	SPPLD03F110	LD110-03
04	SPPLD110-04	LD110-04

HYPRO ULTRA-LO DRIFT AIR INDUCTION TIP



- Creates air-filled droplets and fewer fine droplets to reduce spray drift
- Wide spray angle (120°) enables boom to be lowered to further decrease drift and deliver superior spray uniformity
- Precision molded from durable polyacetal, providing superior resistance to wear
- Small, compact size reduces the chances of accidental breakage
- MiniClean™ strainers are included on FastCap ULDs (sizes 015 – 06) and TwinCap ULD assemblies
- Available in sizes 015 - 08 (including 025), suitable for most spraying applications
- Tips fit in standard fan tip caps (Hypro CAP00 series) and Hypro TwinCap™ tip holder
- Use cap SPPCP114440-*-CE (CP114440-*-CE) (See page 73)
- Sizes 04 & 06 recommended for effective application of Duo Enlist herbicide with Colex-D Technology
- Size 04 recommended for effective application of XtendiMax Herbicide

Size	No.
015	SPPULD120-015
02	SPPULD120-02
025	SPPULD120-025
03	SPPULD120-03
04	SPPULD120-04
05	SPPULD120-05
06	SPPULD120-05
08	SPPULD120-08

Size	No.
015	SPPFC-ULD120-015
02	SPPFC-ULD120-02
025	SPPFC-ULD120-025
03	SPPFC-ULD120-03
04	SPPFC-ULD120-04
05	SPPFC-ULD120-05
06	SPPFC-ULD120-06
08	SPPFC-ULD120-08

Split gasket for ULD cap strainers - Part No. SPP1700-0255

100 Mesh Filter - Part No. SPPTS01-100

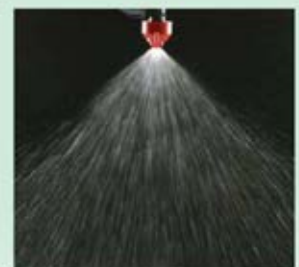
50 Mesh Filter - Part No. SPPTS01-50



The patented Ultra Lo-Drift™ dual-air induction reduces spray drift while maintaining spray coverage and droplet retention on leaves.



The MiniClean™ strainer provides optimized minimum filtration to ensure effective spraying.



The wide 120° spray angle of the Ultra Lo-Drift allows you to lower the boom and get closer to the target for better drift control.

HYPRO GUARDIAN AIR 110° FLAT FAN SPRAY TIPS

- Produces air-induced sprays for reduced drift and environmental impact while increasing droplet deposition and retention on the foliage
- Optimized for the productivity of the most common application rates, around 10 GPA
- Speed-optimized spray incline allows more uniform coverage on the front and back of foliage
- Each tip is clearly marked with an arrow indicating the direction of travel
- FastCap includes tip, cap & gasket
- Use cap SPPCP114440*-CE (CP114440*-CE) (See page 73)

Size	No.
015	SPPGA110-015
02	SPPGA110-02
025	SPPGA110-025
03	SPPGA110-03
035	SPPGA110-035
04	SPPGA110-04
05	SPPGA110-05

Size	No.
015	SPPFC-GA110-015
02	SPPFC-GA110-02
025	SPPFC-GA110-025
03	SPPFC-GA110-03
035	SPPFC-GA110-035
04	SPPFC-GA110-04
05	SPPFC-GA110-05



Tip Size	Droplet Size	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing										GAL/1000 ^{ft}				
				MPH										20 inch nozzle spacing				
				4	5	6	8	10	12	15	20	2	3	4	5			
015	UC	15	0.09	6.7	5.3	4.5	3.3	2.7	2.2	1.8	1.3	0.31	0.20	0.15	0.12			
	UC	20	0.11	8.2	6.5	5.4	4.1	3.3	2.7	2.2	1.6	0.38	0.25	0.19	0.15			
	XC	30	0.13	9.7	7.7	6.4	4.8	3.9	3.2	2.6	1.9	0.44	0.30	0.22	0.18			
	VC	40	0.15	11.1	8.9	7.4	5.4	4.5	3.7	3.0	2.2	0.51	0.34	0.24	0.20			
	C	50	0.17	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	M	60	0.18	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.25			
	M	70	0.20	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	M	80	0.21	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.72	0.48	0.36	0.29			
	M	90	0.23	17.1	13.7	11.4	8.5	6.8	5.7	4.6	3.4	0.78	0.52	0.39	0.31			
	M	100	0.24	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.55	0.41	0.33			
M	115	0.25	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34				
02	UC	15	0.12	8.9	7.1	5.9	4.5	3.6	3.0	2.4	1.8	0.41	0.27	0.20	0.16			
	UC	20	0.14	10.4	8.3	6.9	5.2	4.2	3.5	2.8	2.1	0.48	0.32	0.24	0.19			
	XC	30	0.17	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23			
	VC	40	0.20	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27			
	M	50	0.22	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.38	0.30			
	M	60	0.24	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.55	0.41	0.33			
	M	70	0.26	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.89	0.59	0.44	0.35			
	M	80	0.28	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.64	0.48	0.38			
	M	90	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41			
	M	100	0.32	23.8	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.09	0.73	0.55	0.44			
M	115	0.34	25.2	20.2	16.8	12.6	10.1	8.4	6.7	5.0	1.16	0.77	0.58	0.46				
025	UC	15	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.0	2.2	0.51	0.34	0.26	0.20			
	UC	20	0.18	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.25			
	XC	30	0.22	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.38	0.30			
	VC	40	0.25	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	C	50	0.28	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.64	0.48	0.38			
	M	60	0.31	23.0	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.06	0.70	0.53	0.42			
	M	70	0.33	24.5	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.13	0.75	0.56	0.45			
	M	80	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48			
	M	90	0.38	28.2	22.4	18.8	14.1	11.3	9.4	7.5	5.6	1.30	0.86	0.65	0.52			
	M	100	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55			
M	115	0.42	31.2	24.9	20.8	15.6	12.5	10.4	8.3	6.2	1.43	0.95	0.72	0.57				
03	UC	15	0.18	13.4	10.7	8.9	6.7	5.3	4.5	3.6	2.7	0.61	0.41	0.31	0.25			
	UC	20	0.21	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.72	0.48	0.36	0.29			
	XC	30	0.24	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.55	0.41	0.33			
	VC	40	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41			
	C	50	0.34	25.2	20.2	16.8	12.6	10.1	8.4	6.7	5.0	1.16	0.77	0.58	0.46			
	M	60	0.37	27.5	22.0	18.3	13.7	11.0	9.2	7.3	5.5	1.26	0.84	0.63	0.50			
	M	70	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55			
	M	80	0.42	31.2	24.9	20.8	15.6	12.5	10.4	8.3	6.2	1.43	0.95	0.72	0.57			
	M	90	0.45	33.4	26.7	22.3	16.7	13.4	11.1	8.9	6.7	1.53	1.02	0.77	0.61			
	M	100	0.47	34.9	27.9	23.3	17.4	14.0	11.6	9.3	7.0	1.60	1.07	0.80	0.64			
M	115	0.51	37.9	30.3	25.2	18.9	15.1	12.6	10.1	7.6	1.74	1.16	0.87	0.70				
035	UC	15	0.21	15.6	12.5	10.4	7.8	6.2	5.2	4.2	3.1	0.72	0.48	0.36	0.29			
	UC	20	0.25	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34			
	XC	30	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41			
	VC	40	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48			
	C	50	0.39	29.0	23.2	19.3	14.5	11.6	9.7	7.7	5.8	1.33	0.89	0.66	0.53			
	M	60	0.43	31.9	25.5	21.3	16.0	12.8	10.6	8.5	6.4	1.47	0.98	0.73	0.59			
	M	70	0.46	34.2	27.3	22.8	17.1	13.7	11.4	9.1	6.8	1.57	1.05	0.78	0.63			
	M	80	0.49	36.4	29.1	24.3	18.2	14.6	12.1	9.7	7.3	1.67	1.11	0.84	0.67			
	M	90	0.53	39.4	31.5	26.2	19.7	15.7	13.1	10.5	7.9	1.81	1.20	0.90	0.72			
	M	100	0.55	40.8	32.7	27.2	20.4	16.3	13.6	10.9	8.2	1.88	1.25	0.94	0.75			
M	115	0.59	43.8	35.0	29.2	21.9	17.5	14.6	11.7	8.8	2.01	1.34	1.01	0.80				
04	UC	15	0.24	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.55	0.41	0.33			
	UC	20	0.28	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.64	0.48	0.38			
	XC	30	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48			
	VC	40	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55			
	C	50	0.45	33.4	26.7	22.3	16.7	13.4	11.1	8.9	6.7	1.53	1.02	0.77	0.61			
	M	60	0.49	36.4	29.1	24.3	18.2	14.6	12.1	9.7	7.3	1.67	1.11	0.84	0.67			
	M	70	0.53	39.4	31.5	26.2	19.7	15.7	13.1	10.5	7.9	1.81	1.20	0.90	0.72			
	M	80	0.57	42.3	33.9	28.2	21.2	16.9	14.1	11.3	8.5	1.94	1.30	0.97	0.78			
	M	90	0.60	44.6	35.6	29.7	22.3	17.8	14.9	11.9	8.9	2.05	1.36	1.02	0.82			
	M	100	0.63	46.8	37.4	31.2	23.4	18.7	15.6	12.5	9.4	2.15	1.43	1.07	0.86			
M	115	0.68	50.5	40.4	33.7	25.2	20.2	16.8	13.5	10.1	2.32	1.55	1.16	0.93				
05	UC	15	0.31	23.0	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.06	0.70	0.53	0.42			
	UC	20	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48			
	XC	30	0.43	31.9	25.5	21.3	16.0	12.8	10.6	8.5	6.4	1.47	0.98	0.73	0.59			
	VC	40	0.50	37.1	29.7	24.8	18.6	14.9	12.4	9.9	7.4	1.71	1.14	0.85	0.68			
	C	50	0.54	41.4	33.3	27.7	20.8	16.6	13.9	11.1	8.3	1.91	1.27	0.95	0.74			
	M	60	0.61	45.3	36.2	30.2	22.4	18.1	15.1	12.1	9.1	2.08	1.39	1.04	0.83			
	M	70	0.64	49.0	39.2	32.7	24.5	19.6	16.3	13.1	9.8	2.25	1.50	1.13	0.90			
	M	80	0.71	52.7	42.2	35.1	26.4	21.1	17.6	14.1	10.5	2.42	1.61	1.21	0.97			
	M	90	0.75	55.7	44.6	37.1	27.8	22.3	18.6	14.9	11.1	2.54	1.71	1.28	1.02			
	M	100	0.79	58.7	46.9	39.1	29.3	23.5	19.6	15.6	11.7	2.69	1.80	1.35	1.08			
M	115	0.85	63.1	50.5	42.1	31.6	25.2	21.0	16.8	12.6	2.90	1.93	1.45	1.14				

Features	
Common Use	Plant Health
Pattern	Tapered Flat Fan
Technology	Air Induction
Material	Polyacetal
Spray Angle	110°
Pressure Range	15-115 PSI (1-8 BAR)
Configuration	Tips, FastCap

SPRAY TIPS

HYPRO GUARDIAN AIR TWIN 110° FLAT FAN SPRAY TIPS

- High-coverage forward and rear facing fans help penetrate complex canopies requiring more thorough coverage
- Incorporates fundamental characteristics of uniform coverage and reduced drift from the GuardianAIR tip range
- Easy to install, patent-pending locking ring and o-ring seal design makes installation a snap and sealing a sure thing
- Dust is sealed out by the locking ring to reduce contamination of the nozzle when removing it from the sprayer
- Integrated strainers are matched to the nozzle size to prevent over-straining or plugging
- Compact, break-resistant design fits on the most common nozzle bodies

Size	No.
02	SPPGAT110-02
025	SPPGAT110-025
03	SPPGAT110-03
04	SPPGAT110-04
05	SPPGAT110-05
06	SPPGAT110-06
08	SPPGAT110-08
Replacement Parts	
SPPTS02-50	50 Mesh Screen
SPPTS02-100	100 Mesh Screen
SPP65-BS205	O-ring
SPPTS01-50	50 Mesh Flanged Screen
SPPTS01-100	100 Mesh Flanged Screen
SPP1700-0255	Flanged Gasket



Tip Size	Droplet Size	Pressure (PSI)	Flow Rate (GPM)	Gallons per Acre 20 inch nozzle spacing								GAL/1000*				
				4	5	6	8	10	12	15	20	2	3	4	5	
02	C	30	0.17	12.6	10.1	8.4	6.3	5.0	4.2	3.4	2.5	0.58	0.39	0.29	0.23	
	M	40	0.20	14.9	11.9	9.9	7.4	5.9	5.0	4.0	3.0	0.68	0.45	0.34	0.27	
	M	50	0.22	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.38	0.30	
	M	60	0.24	17.8	14.3	11.9	8.9	7.1	5.9	4.8	3.6	0.82	0.55	0.41	0.33	
	M	70	0.26	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.89	0.59	0.44	0.35	
	M	80	0.28	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.64	0.48	0.38	
	F	90	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41	
F	100	0.32	23.8	19.0	15.8	11.9	9.5	7.9	6.3	4.8	1.09	0.73	0.55	0.44		
F	115	0.34	25.2	20.7	16.8	12.6	10.1	8.4	6.7	5.0	1.16	0.77	0.58	0.46		
025	VC	30	0.22	16.3	13.1	10.9	8.2	6.5	5.4	4.4	3.3	0.75	0.50	0.38	0.30	
	C	40	0.25	18.6	14.9	12.4	9.3	7.4	6.2	5.0	3.7	0.85	0.57	0.43	0.34	
	M	50	0.28	20.8	16.6	13.9	10.4	8.3	6.9	5.5	4.2	0.95	0.64	0.48	0.38	
	M	60	0.31	23.0	18.4	15.3	11.5	9.2	7.7	6.1	4.6	1.04	0.70	0.53	0.42	
	M	70	0.33	24.5	19.6	16.3	12.3	9.8	8.2	6.5	4.9	1.13	0.75	0.56	0.45	
	M	80	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48	
	M	90	0.38	28.2	22.6	18.8	14.1	11.3	9.4	7.5	5.6	1.30	0.86	0.65	0.52	
M	100	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55		
M	115	0.42	31.2	24.9	20.8	15.6	12.5	10.4	8.3	6.2	1.43	0.95	0.72	0.57		
03	VC	30	0.26	19.3	15.4	12.9	9.7	7.7	6.4	5.1	3.9	0.89	0.59	0.44	0.35	
	C	40	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41	
	M	50	0.34	25.2	20.2	16.8	12.6	10.1	8.4	6.7	5.0	1.16	0.77	0.58	0.46	
	M	60	0.37	27.5	22.0	18.3	13.7	11.0	9.2	7.3	5.5	1.26	0.84	0.63	0.50	
	M	70	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55	
	M	80	0.42	31.2	24.9	20.8	15.6	12.5	10.4	8.3	6.2	1.43	0.95	0.72	0.57	
	M	90	0.45	33.4	26.7	22.3	16.7	13.4	11.1	8.9	6.7	1.53	1.02	0.77	0.61	
M	100	0.47	34.9	27.9	23.3	17.4	14.0	11.6	9.3	7.0	1.60	1.07	0.80	0.64		
M	115	0.51	37.9	30.3	25.2	18.9	15.1	12.6	10.1	7.6	1.74	1.16	0.87	0.70		
035	VC	30	0.30	22.3	17.8	14.9	11.1	8.9	7.4	5.9	4.5	1.02	0.68	0.51	0.41	
	C	40	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48	
	M	50	0.39	29.0	23.2	19.3	14.5	11.6	9.7	7.7	5.8	1.33	0.89	0.66	0.53	
	M	60	0.43	31.9	25.5	21.3	16.0	12.8	10.6	8.5	6.4	1.47	0.98	0.73	0.59	
	M	70	0.46	34.2	27.3	22.8	17.1	13.7	11.4	9.1	6.8	1.57	1.05	0.78	0.63	
	M	80	0.49	36.4	29.1	24.3	18.2	14.6	12.1	9.7	7.3	1.67	1.11	0.84	0.67	
	M	90	0.53	39.4	31.5	26.2	19.7	15.7	13.1	10.5	7.9	1.81	1.20	0.90	0.72	
M	100	0.55	40.8	32.7	27.2	20.4	16.3	13.6	10.9	8.2	1.88	1.25	0.94	0.75		
M	115	0.59	43.8	35.0	29.2	21.9	17.5	14.6	11.7	8.8	2.01	1.34	1.01	0.80		
04	C	30	0.35	26.0	20.8	17.3	13.0	10.4	8.7	6.9	5.2	1.19	0.80	0.60	0.48	
	M	40	0.40	29.7	23.8	19.8	14.9	11.9	9.9	7.9	5.9	1.36	0.91	0.68	0.55	
	M	50	0.45	33.4	26.7	22.3	16.7	13.4	11.1	8.9	6.7	1.53	1.02	0.77	0.61	
	M	60	0.49	36.4	29.1	24.3	18.2	14.6	12.1	9.7	7.3	1.67	1.11	0.84	0.67	
	M	70	0.53	39.4	31.5	26.2	19.7	15.7	13.1	10.5	7.9	1.81	1.20	0.90	0.72	
	M	80	0.57	42.3	33.9	28.2	21.2	16.9	14.1	11.3	8.5	1.94	1.30	0.97	0.78	
	M	90	0.60	44.6	35.6	29.7	22.3	17.8	14.9	11.9	8.9	2.05	1.36	1.02	0.82	
M	100	0.63	46.8	37.4	31.2	23.4	18.7	15.6	12.5	9.4	2.15	1.43	1.07	0.86		
M	115	0.68	50.5	40.4	33.7	25.2	20.2	16.8	13.5	10.1	2.32	1.55	1.16	0.93		
05	VC	30	0.43	31.9	25.5	21.3	16.0	12.8	10.6	8.5	6.4	1.47	0.98	0.73	0.59	
	C	40	0.50	37.1	29.7	24.8	18.6	14.9	12.4	9.9	7.4	1.71	1.14	0.85	0.68	
	M	50	0.56	41.6	33.3	27.7	20.8	16.6	13.9	11.1	8.3	1.91	1.27	0.95	0.76	
	M	60	0.61	45.3	36.2	30.2	22.6	18.1	15.1	12.1	9.1	2.08	1.39	1.04	0.83	
	M	70	0.66	49.0	39.2	32.7	24.5	19.6	16.3	13.1	9.8	2.25	1.50	1.13	0.90	
	M	80	0.71	52.7	42.2	35.1	26.4	21.1	17.6	14.1	10.5	2.42	1.61	1.21	0.97	
	M	90	0.75	55.7	44.6	37.1	27.8	22.3	18.6	14.9	11.1	2.56	1.71	1.28	1.02	
M	100	0.79	58.7	46.9	39.1	29.3	23.5	19.6	15.6	11.7	2.69	1.80	1.35	1.08		
M	115	0.85	63.1	50.5	42.1	31.6	25.2	21.0	16.8	12.6	2.90	1.93	1.45	1.16		
06	VC	30	0.52	38.6	30.9	25.7	19.3	15.4	12.9	10.3	7.7	1.77	1.18	0.89	0.71	
	C	40	0.60	44.6	35.6	29.7	22.3	17.8	14.9	11.9	8.9	2.05	1.36	1.02	0.82	
	M	50	0.67	49.7	39.8	33.2	24.9	19.9	16.6	13.3	9.9	2.28	1.52	1.14	0.91	
	M	60	0.73	54.2	43.4	36.1	27.1	21.7	18.1	14.5	10.8	2.49	1.66	1.24	1.00	
	M	70	0.79	58.7	46.9	39.1	29.3	23.5	19.6	15.6	11.7	2.69	1.80	1.35	1.08	
	M	80	0.85	63.1	50.5	42.1	31.6	25.2	21.0	16.8	12.6	2.90	1.93	1.45	1.16	
	M	90	0.90	66.8	53.5	44.6	33.4	26.7	22.3	17.8	13.4	3.07	2.05	1.53	1.23	
M	100	0.95	70.5	56.4	47.0	35.3	28.2	23.5	18.8	14.1	3.24	2.16	1.67	1.30		
M	115	1.02	75.7	60.6	50.5	37.9	30.3	25.2	20.2	15.1	3.48	2.32	1.74	1.39		
08	VC	30	0.87	51.2	41.0	34.2	25.6	20.5	17.1	13.7	10.2	2.35	1.57	1.18	0.94	
	VC	40	0.99	59.4	47.5	39.6	29.7	23.8	19.8	15.8	11.9	2.73	1.82	1.36	1.09	
	C	50	0.97	66.1	52.9	44.1	33.0	26.4	22.0	17.6	13.2	3.03	2.02	1.52	1.21	
	M	60	0.98	72.8	58.2	48.5	36.4	29.1	24.3	19.4	14.6	3.34	2.23	1.67	1.34	
	M	70	1.06	78.7	63.0	52.5	39.4	31.5	26.2	21.0	15.7	3.61	2.41	1.81	1.45	
	M	80	1.13	83.9	67.1	55.9	42.0	33.6	28.0	22.4	16.8	3.85	2.57	1.93	1.54	
	M	90	1.20	89.1	71.3	59.4	44.6	35.6	29.7	23.8	17.8	4.09	2.73	2.05	1.64	
M	100	1.26	93.6	74.8	62.4	46.8	37.4	31.2	24.9	18.7	4.30	2.86	2.15	1.72		
M	115	1.36	101	80.8	67.3	50.5	40.4	33.7	26.7	20.2	4.64	3.09	2.32	1.86		

Features	
Common Use	Plant Health
Pattern	Tapered Flat Fan
Technology	Air Induction
Material	Polyacetal
Spray Angle	110°
Pressure Range	30-115 PSI (2-8 BAR)
Configuration	FastCap Complete



- Inclined spray is designed to be installed alternating forward and backward on boom to provide 3-dimensional coverage on vertical targets such as grass weeds, soil clods and broad leaved canopies
- PWM compatible; Install 3D nozzles facing the same direction when using with PWM systems at less than 30Hz
- FastCap version utilizes the SnapLock cap technology, reducing installation torque requirement by 73%
- 100° Spray angle
- 10-90 PSI

FASTCAPS

No.	Size
SPPFC-3D100-015	015
SPPFC-3D100-02	02
SPPFC-3D100-025	025
SPPFC-3D100-03	03
SPPFC-3D100-035	035
SPPFC-3D100-04	04
SPPFC-3D100-05	05
SPPFC-3D100-06	06
SPPFC-3D100-08	08

TIPS

No.	Size
SPP3D100-015	015
SPP3D100-02	02
SPP3D100-025	025
SPP3D100-03	03
SPP3D100-035	035
SPP3D100-04	04
SPP3D100-05	05
SPP3D100-06	06
SPP3D100-08	08

Nozzle Size	Drop/Inch Size	Pressure (PSI)	Flow (GPM)	Speed (MPH) - 20 inch nozzle spacing										
				Gallons per Acre										
				5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0
015	C	16*	0.08	4.5	3.0	2.2	1.8	1.5	1.3	1.1	1.0	0.9	0.8	0.7
	M	15*	0.09	5.5	3.6	2.7	2.2	1.8	1.6	1.4	1.2	1.1	1.0	0.9
	F	20	0.11	6.3	4.2	3.2	2.5	2.1	1.8	1.6	1.4	1.3	1.1	1.1
	F	30	0.13	7.7	5.1	3.9	3.1	2.6	2.2	1.9	1.7	1.5	1.4	1.3
	F	40	0.15	8.9	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6	1.5
	F	50	0.17	10.0	6.6	5.0	4.0	3.3	2.8	2.5	2.2	2.0	1.8	1.7
	F	60	0.18	10.9	7.3	5.5	4.4	3.6	3.1	2.7	2.4	2.2	2.0	1.8
	F	70	0.20	11.8	7.9	5.9	4.7	3.9	3.4	2.9	2.6	2.4	2.1	2.0
	F	80	0.21	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3	2.1
F	90	0.23	13.4	8.9	6.7	5.3	4.5	3.8	3.3	3.0	2.7	2.4	2.2	
02	M	16*	0.10	5.9	4.0	3.0	2.4	2.0	1.7	1.5	1.3	1.2	1.1	1.0
	M	15*	0.12	7.3	4.8	3.6	2.9	2.4	2.1	1.8	1.6	1.5	1.3	1.2
	M	20	0.14	8.4	5.6	4.2	3.4	2.8	2.4	2.1	1.9	1.7	1.5	1.4
	M	30	0.17	10.3	6.9	5.1	4.1	3.4	2.9	2.6	2.3	2.1	1.9	1.7
	F	40	0.20	11.9	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2	2.0
	F	50	0.22	13.3	8.9	6.6	5.3	4.4	3.8	3.3	3.0	2.7	2.4	2.2
	F	60	0.24	14.5	9.7	7.3	5.8	4.8	4.2	3.6	3.2	2.9	2.6	2.4
	F	70	0.26	15.7	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1	2.9	2.6
	F	80	0.28	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1	2.8
F	90	0.30	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0	
025	C	16*	0.13	7.4	5.0	3.7	3.0	2.5	2.1	1.9	1.7	1.5	1.4	1.2
	M	15*	0.15	9.1	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8	1.7	1.5
	M	20	0.18	10.5	7.0	5.3	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.8
	M	30	0.22	12.9	8.4	6.4	5.1	4.3	3.7	3.2	2.8	2.6	2.3	2.1
	M	40	0.25	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7	2.5
	F	50	0.28	16.6	11.1	8.3	6.6	5.5	4.7	4.2	3.7	3.3	3.0	2.8
	F	60	0.31	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6	3.3	3.0
	F	70	0.33	19.6	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9	3.6	3.3
	F	80	0.35	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	3.8	3.5
F	90	0.38	22.3	14.9	11.1	8.7	7.4	6.4	5.6	5.0	4.5	4.1	3.7	
03	VC	16*	0.15	8.9	5.9	4.5	3.6	3.0	2.5	2.2	2.0	1.8	1.6	1.5
	M	15*	0.18	10.9	7.3	5.5	4.4	3.6	3.1	2.7	2.4	2.2	2.0	1.8
	M	20	0.21	12.6	8.4	6.3	5.0	4.2	3.6	3.2	2.8	2.5	2.3	2.1
	M	30	0.26	15.4	10.3	7.7	6.2	5.1	4.4	3.9	3.4	3.1	2.8	2.6
	M	40	0.30	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0
	F	50	0.34	19.9	13.3	10.0	8.0	6.6	5.7	5.0	4.4	4.0	3.6	3.3
	F	60	0.37	21.8	14.5	10.9	8.7	7.3	6.2	5.5	4.8	4.4	4.0	3.6
	F	70	0.40	23.6	15.7	11.8	9.4	7.9	6.7	5.9	5.2	4.7	4.3	3.8
	F	80	0.42	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2
F	90	0.45	26.7	17.8	13.4	10.7	8.9	7.6	6.7	6.0	5.4	4.9	4.5	
35	VC	16*	0.18	10.4	6.9	5.2	4.2	3.5	3.0	2.6	2.3	2.1	1.9	1.7
	C	15*	0.21	12.7	8.5	6.4	5.1	4.2	3.6	3.2	2.8	2.5	2.3	2.1
	M	20	0.25	14.7	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9	2.7	2.5
	M	30	0.30	18.0	12.0	9.0	7.2	6.0	5.1	4.5	4.0	3.6	3.3	3.0
	M	40	0.35	20.8	13.9	10.4	8.3	6.9	5.9	5.2	4.6	4.2	3.8	3.5
	M	50	0.39	23.2	15.5	11.6	9.3	7.7	6.6	5.8	5.2	4.6	4.2	3.9
	M	60	0.43	25.5	17.0	12.7	10.2	8.5	7.3	6.4	5.7	5.1	4.6	4.2
	M	70	0.46	27.5	18.3	13.8	11.0	9.2	7.9	6.9	6.1	5.5	5.0	4.6
	M	80	0.49	29.4	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9	5.3	4.9
F	90	0.53	-	20.8	15.6	12.5	10.4	8.9	7.8	6.9	6.2	5.7	5.2	
04	XC	16*	0.20	11.9	7.9	5.9	4.8	4.0	3.4	3.0	2.6	2.4	2.2	2.0
	VC	15*	0.24	14.5	9.7	7.3	5.8	4.8	4.2	3.6	3.2	2.9	2.6	2.4
	C	20	0.28	16.8	11.2	8.4	6.7	5.6	4.8	4.2	3.7	3.4	3.1	2.8
	M	30	0.35	20.6	13.7	10.3	8.2	6.9	5.9	5.1	4.6	4.1	3.7	3.4
	M	40	0.40	23.8	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.3	4.0
	M	50	0.45	26.6	17.7	13.3	10.6	8.9	7.6	6.6	5.9	5.3	4.8	4.4
	M	60	0.49	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8
	M	70	0.53	-	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3	5.7	5.2
	M	80	0.57	-	22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	6.1	5.6
F	90	0.60	-	23.8	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9	
05	XC	16*	0.25	14.9	9.9	7.4	5.9	5.0	4.2	3.7	3.3	3.0	2.7	2.5
	VC	15*	0.31	18.2	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6	3.3	3.0
	C	20	0.35	21.0	14.0	10.5	8.4	7.0	6.0	5.3	4.7	4.2	3.8	3.5
	M	30	0.43	26.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1	4.7	4.3
	M	40	0.50	29.7	19.6	14.9	11.9	9.9	8.5	7.4	6.6	5.9	5.4	5.0
	M	50	0.56	-	22.1	16.4	13.3	11.1	9.5	8.3	7.4	6.6	6.0	5.5
	M	60	0.61	-	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3	6.6	6.1
	M	70	0.66	-	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9	7.1	6.5
	M	80	0.71	-	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4	7.6	7.0
F	90	0.75	-	29.7	22.3	17.8	14.9	12.7	11.1	9.7	8.9	8.1	7.4	
06	XC	16*	0.30	17.8	11.9	8.9	7.1	5.9	5.1	4.5	4.0	3.6	3.2	3.0
	VC	15*	0.37	21.8	14.5	10.9	8.7	7.3	6.2	5.5	4.8	4.4	4.0	3.6
	C	20	0.42	25.2	16.8	12.6	10.1	8.4	7.2	6.3	5.6	5.0	4.6	4.2
	M	30	0.52	-	20.4	15.4	12.3	10.3	8.8	7.7	6.9	6.2	5.6	5.1
	M	40	0.60	-	23.8	17.8	14.3	11.9	10.2	8.9	7.9	7.1	6.5	5.9
	M	50	0.67	-	26.6	19.9	15.9	13.3	11.4	10.0	8.9	8.0	7.2	6.6
	M	60	0.73	-	29.1	21.8	17.5	14.5	12.5	10.9	9.7	8.7	7.9	7.3
	M	70	0.79	-	-	23.6	18.9	15.7	13.5	11.8	10.5	9.4	8.6	7.9
	M	80	0.85	-	-	25.2	20.2	16.8	14.4	12.6	11.2	10.1	9.2	8.4
F	90	0.90	-	-	26.7	21.4	17.8	15.3	13.4	11.9	10.7	9.7	8.9	
08	XC	16*	0.40	22.8	15.8	11.9	9.5	7.9	6.8	5.9	5.3	4.8	4.3	4.0
	VC	15*	0.49	29.1	19.4	14.5	11.6	9.7	8.3	7.3	6.5	5.8	5.3	4.8
	C	20	0.57	-	22.4	16.8	13.4	11.2	9.6	8.4	7.5	6.7	6.1	5.6
	M	30	0.69	-	27.4	20.6	16.5	13.7	11.8	10.3	9.1	8.2	7.5	6.9
	M	40	0.80	-	-	23.8	19.0	15.8	13.6	11.9	10.6	9.5	8.6	7.9
	M	50	0.89	-	-	26.4	21.3	17.7	15.2	13.3	11.8	10.6	9.7	8.9
	M	60	0.98	-	-	29.1	23.3	19.4	16.6	14.5	12.9	11.6	10.6	9.7
	M	70	1.06	-	-	25.1	21.0	18.0	15.7	14.0	12.6	11.4	10.5	9.7
	M	80	1.13	-	-	26.9	22.4	19.2	16.8	14.9	13.4	12.2	11.2	10.3
M	90	1.20	-	-	28.1	23.8	20.4	17.8	15.8	14.3	13.0	11.9	11.0	

Droplet size based on ASABE S572.1 standard.
*For pressures lower than 15 PSI, nozzle spray angle may be reduced and will require a boom height of 30in to maintain spray distribution.

Features	
Common Use	Weed control, plant health
Pattern	Alternating Tapered Flat Fans
Technology	Advanced Tapered Flat Fan
Material	Polyacetal
Spray Angle	100°
Pressure Range	10-90 PSI (0.7-6 BAR)
Configuration	Tips, SnapLock








SPRAY TIPS

SoftDrop Nozzles for PWM Systems

The SoftDrop nozzle is a non-air inducted spray nozzle designed to produce extremely coarse droplets for maximum drift control with auxin herbicides and other systemic products. The SoftDrop is particularly well-suited for PWM or blended pulse systems, operating between 10 and 50 Hertz. A specially designed turbulence chamber helps deliver a drift resistant spray pattern, with very good cross distribution. The SoftDrop is also excellent for liquid fertilizers and mixtures of liquid fertilizers and herbicides.

Pressure Range: 20-120 psi **Suggested Spray Height:** 18" - 36" (on 20" spacing)

Materials of Construction: Polyacetyl, EPDM

	Liquid Pressure PSI	Droplet Size ASABE	Nozzle Capacity GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING																
				4 MPH	5 MPH	6 MPH	7 MPH	8 MPH	9 MPH	10 MPH	11 MPH	12 MPH	13 MPH	14 MPH	15 MPH	16 MPH	17 MPH	18 MPH	20 MPH	
 (uses 50 mesh)	20		0.28	21.0	16.8	14.0	12.0	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.3	4.9	4.7	4.2	
	30		0.35	25.7	20.6	17.1	14.7	12.9	11.4	10.3	9.4	8.6	7.9	7.3	6.9	6.4	6.1	5.7	5.1	
	40		0.40	29.7	23.8	19.8	17.0	14.9	13.2	11.9	10.8	9.9	9.1	8.5	7.9	7.4	7.0	6.6	5.9	
	50		0.45	33.2	26.6	22.1	19.0	16.6	14.8	13.3	12.1	11.1	10.2	9.5	8.9	8.3	7.8	7.4	6.6	
	60		0.49	36.4	29.1	24.2	20.8	18.2	16.2	14.5	13.2	12.1	11.2	10.4	9.7	9.1	8.6	8.1	7.3	
	70		0.53	39.3	31.4	26.2	22.5	19.6	17.5	15.7	14.3	13.1	12.1	11.2	10.5	9.8	9.2	8.7	7.9	
	80		0.57	42.0	33.6	28.0	24.0	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.4	
	90		0.60	44.6	35.6	29.7	25.5	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	8.9	
	100		0.63	47.0	37.6	31.3	26.8	23.5	20.9	18.8	17.1	15.7	14.4	13.4	12.5	11.7	11.0	10.4	9.4	
	120		0.69	51.4	41.2	34.3	29.4	25.7	22.9	20.6	18.7	17.1	15.8	14.7	13.7	12.9	12.1	11.4	10.3	
 (uses 50 mesh)	20		0.35	26.3	21.0	17.5	15.0	13.1	11.7	10.5	9.5	8.8	8.1	7.5	7.0	6.6	6.2	5.8	5.3	
	30		0.43	32.2	25.7	21.4	18.4	16.1	14.3	12.9	11.7	10.7	9.9	9.2	8.6	8.0	7.6	7.1	6.4	
	40		0.50	37.1	29.7	24.8	21.2	18.6	16.5	14.9	13.5	12.4	11.4	10.6	9.9	9.3	8.7	8.3	7.4	
	50		0.56	41.5	33.2	27.7	23.7	20.8	18.4	16.6	15.1	13.8	12.8	11.9	11.1	10.4	9.8	9.2	8.3	
	60		0.61	45.5	36.4	30.3	26.0	22.7	20.2	18.2	16.5	15.2	14.0	13.0	12.1	11.4	10.7	10.1	9.1	
	70		0.66	49.1	39.3	32.7	28.1	24.6	21.8	19.6	17.9	16.4	15.1	14.0	13.1	12.3	11.6	10.9	9.8	
	80		0.71	52.5	42.0	35.0	30.0	26.3	23.3	21.0	19.1	17.5	16.2	15.0	14.0	13.1	12.4	11.7	10.5	
	90		0.75	55.7	44.6	37.1	31.8	27.8	24.8	22.3	20.3	18.6	17.1	15.9	14.9	13.9	13.1	12.4	11.1	
	100		0.79	58.7	47.0	39.1	33.5	29.3	26.1	23.5	21.3	19.6	18.1	16.8	15.7	14.7	13.8	13.0	11.7	
	120		0.87	64.3	51.4	42.9	36.7	32.2	28.6	25.7	23.4	21.4	19.8	18.4	17.1	16.1	15.1	14.3	12.9	
 (uses 24 mesh)	20		0.42	31.5	25.2	21.0	18.0	15.8	14.0	12.6	11.5	10.5	9.7	9.0	8.4	7.9	7.4	7.0	6.3	
	30		0.52	38.6	30.9	25.7	22.0	19.3	17.1	15.4	14.0	12.9	11.9	11.0	10.3	9.6	9.1	8.6	7.7	
	40		0.60	44.6	35.6	29.7	25.5	22.3	19.8	17.8	16.2	14.9	13.7	12.7	11.9	11.1	10.5	9.9	8.9	
	50		0.67	49.8	39.8	33.2	28.5	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.5	11.7	11.1	10.0	
	60		0.73	54.6	43.6	36.4	31.2	27.3	24.2	21.8	19.8	18.2	16.8	15.6	14.5	13.6	12.8	12.1	10.9	
	70		0.79	58.9	47.1	39.3	33.7	29.5	26.2	23.6	21.4	19.6	18.1	16.8	15.7	14.7	13.9	13.1	11.8	
	80		0.85	63.0	50.4	42.0	36.0	31.5	28.0	25.2	22.9	21.0	19.4	18.0	16.8	15.8	14.8	14.0	12.6	
	90		0.90	66.8	53.5	44.6	38.2	33.4	29.7	26.7	24.3	22.3	20.6	19.1	17.8	16.7	15.7	14.9	13.4	
	100		0.95	70.4	56.4	47.0	40.3	35.2	31.3	28.2	25.6	23.5	21.7	20.1	18.8	17.6	16.6	15.7	14.1	
	120		1.04	77.2	61.7	51.4	44.1	38.6	34.3	30.9	28.1	25.7	23.7	22.0	20.6	19.3	18.2	17.1	15.4	
 (uses 24 mesh)	20		0.57	42.0	33.6	28.0	24.0	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.4	
	30		0.69	51.4	41.2	34.3	29.4	25.7	22.9	20.6	18.7	17.1	15.8	14.7	13.7	12.9	12.1	11.4	10.3	
	40		0.80	59.4	47.5	39.6	33.9	29.7	26.4	23.8	21.6	19.8	18.3	17.0	15.8	14.9	14.0	13.2	11.9	
	50		0.89	66.4	53.1	44.3	37.9	33.2	29.5	26.6	24.1	22.1	20.4	19.0	17.7	16.6	15.6	14.8	13.3	
	60		0.98	72.7	58.2	48.5	41.6	36.4	32.3	29.1	26.5	24.2	22.4	20.8	19.4	18.2	17.1	16.2	14.5	
	70		1.06	78.6	62.9	52.4	44.9	39.3	34.9	31.4	28.6	26.2	24.2	22.5	21.0	19.6	18.5	17.5	15.7	
	80		1.13	84.0	67.2	56.0	48.0	42.0	37.3	33.6	30.5	28.0	25.8	24.0	22.4	21.0	19.8	18.7	16.8	
	90		1.20	89.1	71.3	59.4	50.9	44.6	39.6	35.6	32.4	29.7	27.4	25.5	23.8	22.3	21.0	19.8	17.8	
	100		1.26	93.9	75.1	62.6	53.7	47.0	41.7	37.6	34.2	31.3	28.9	26.8	25.0	23.5	22.1	20.9	18.8	
	120		1.39	102.9	82.3	68.6	58.8	51.4	45.7	41.2	37.4	34.3	31.7	29.4	27.4	25.7	24.2	22.9	20.6	
 (uses 24 mesh)	20		0.71	52.5	42.0	35.0	30.0	26.3	23.3	21.0	19.1	17.5	16.2	15.0	14.0	13.1	12.4	11.7	10.5	
	30		0.87	64.3	51.4	42.9	36.7	32.2	28.6	25.7	23.4	21.4	19.8	18.4	17.1	16.1	15.1	14.3	12.9	
	40		1.00	74.3	59.4	49.5	42.4	37.1	33.0	29.7	27.0	24.8	22.8	21.2	19.8	18.6	17.5	16.5	14.9	
	50		1.12	83.0	66.4	55.3	47.4	41.5	36.9	33.2	30.2	27.7	25.5	23.7	22.1	20.8	19.5	18.4	16.6	
	60		1.22	90.9	72.7	60.6	52.0	45.5	40.4	36.4	33.1	30.3	28.0	26.0	24.2	22.7	21.4	20.2	18.2	
	70		1.32	98.2	78.6	65.5	56.1	49.1	43.7	39.3	35.7	32.7	30.2	28.1	26.2	24.6	23.1	21.8	19.6	
	80		1.41	105.0	84.0	70.0	60.0	52.5	46.7	42.0	38.2	35.0	32.3	30.0	28.0	26.3	24.7	23.3	21.0	
	90		1.50	111.4	89.1	74.3	63.6	55.7	49.5	44.6	40.5	37.1	34.3	31.8	29.7	27.8	26.2	24.8	22.3	
	100		1.58	117.4	93.9	78.3	67.1	58.7	52.2	47.0	42.7	39.1	36.1	33.5	31.3	29.3	27.6	26.1	23.5	
	120		1.73	128.6	102.9	85.7	73.5	64.3	57.2	51.4	46.8	42.9	39.6	36.7	34.3	32.2	30.3	28.6	25.7	

SPRAY TIPS









LOW PRESSURE AIRMIX 110° FLAT FAN TIP



- Low cost economical solution for drift control
- Easy maintenance with no tools required for servicing
- Fits standard nozzle caps
- Reduces drift by 50 - 80%
- Operates at lower pressures
- Fits standard caps and can be used on all types of sprayers.
- Unique patented air cleaning system prevents air hole clogging
- Less coarse than other air injection nozzles for better coverage at standard pressures
- Use cap SPPCP114440-*CE (CP114440-*CE)
(See page 73)



Size	No.
01	SPPAM11001
015	SPPAM110015
02	SPPAM11002
025	SPPAM110025
03	SPPAM11003
04	SPPAM11004
05	SPPAM11005
06	SPPAM11006

NOZZLE PART # (Strainer Size)	LIQUID PRESSURE PSI	DROPLET SIZE ASAE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING											
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH		
 AM11001 (use 50 mesh)	15	C	0.06	4.5	3.6	3.0	2.3	1.8	1.5	1.3	1.1	1.0	0.9		
	20	C	0.07	5.2	4.2	3.5	2.6	2.1	1.7	1.5	1.3	1.2	1.0		
	30	M	0.09	6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3		
	40	M	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5		
	50	F	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7		
	60	F	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8		
	70	F	0.13	9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.5	2.2	2.0		
	80	F	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1		
	90	F	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2		
 AM110015 (use 50 mesh)	15	C	0.09	8.8	5.5	4.5	3.4	2.7	2.3	1.9	1.7	1.5	1.4		
	20	C	0.11	7.9	6.3	5.2	3.9	3.1	2.6	2.2	2.0	1.7	1.6		
	30	M	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9		
	40	M	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2		
	50	F	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5		
	60	F	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7		
	70	F	0.20	14.7	11.8	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9		
	80	F	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1		
	90	F	0.22	16.7	13.4	11.1	8.3	6.7	5.6	4.8	4.2	3.7	3.3		
 AM11002 (use 50 mesh)	15	C	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8		
	20	C	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1		
	30	C	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6		
	40	M	0.20	14.8	11.9	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0		
	50	M	0.22	16.6	13.3	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3		
	60	F	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6		
	70	F	0.26	19.6	15.7	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9		
	80	F	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2		
	90	F	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5		
 AM110025 (use 50 mesh)	15	VC	0.15	11.4	9.1	7.6	5.7	4.5	3.8	3.2	2.8	2.5	2.3		
	20	C	0.18	13.1	10.5	8.7	6.6	5.2	4.4	3.7	3.3	2.9	2.6		
	30	C	0.22	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2		
	40	C	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7		
	50	M	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1		
	60	M	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5		
	70	M	0.33	24.5	19.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9		
	80	M	0.35	26.2	21.0	17.5	13.1	10.5	8.7	7.5	6.6	5.8	5.2		
	90	F	0.37	27.8	22.3	18.5	13.9	11.1	9.3	7.9	7.0	6.2	5.6		
 AM11003 (use 50 mesh)	15	XC	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7		
	20	VC	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1		
	30	VC	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9		
	40	C	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5		
	50	C	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0		
	60	M	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5		
	70	M	0.40	29.4	23.6	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9		
	80	M	0.42	31.5	25.2	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3		
	90	M	0.45	33.4	26.7	22.3	16.7	13.4	11.1	9.5	8.3	7.4	6.7		
 AM11004 (use 24 mesh)	15	VC	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6		
	20	VC	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2		
	30	VC	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1		
	40	C	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9		
	50	C	0.45	33.2	26.5	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6		
	60	M	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3		
	70	M	0.53	39.3	31.4	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9		
	80	M	0.57	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4		
	90	M	0.60	44.5	35.6	29.7	22.3	17.8	14.8	12.7	11.1	9.9	8.9		
 AM11005 (use 24 mesh)	15	XC	0.31	22.7	18.2	15.2	11.4	9.1	7.6	6.5	5.7	5.1	4.5		
	20	XC	0.35	26.3	21.0	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3		
	30	VC	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4		
	40	C	0.50	37.1	29.7	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4		
	50	C	0.56	41.5	33.2	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3		
	60	M	0.61	45.5	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1		
	70	M	0.66	49.1	39.3	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8		
	80	M	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5		
	90	M	0.75	55.7	44.6	37.1	27.9	22.3	18.6	15.9	13.9	12.4	11.1		
 AM11006 (use 24 mesh)	15	XC	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5		
	20	XC	0.42	31.5	25.2	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3		
	30	VC	0.52	38.6	30.9	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7		
	40	C	0.60	44.6	35.7	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9		
	50	C	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0		
	60	C	0.74	54.6	43.7	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9		
	70	M	0.79	59.0	47.2	39.3	29.5	23.6	19.7	16.8	14.7	13.1	11.8		
	80	M	0.85	63.0	50.4	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6		
	90	M	0.90	66.8	53.5	44.6	33.4	26.7	22.3	19.1	16.7	14.9	13.4		

* Table based on spraying water at 70°F. Flow rates may vary +/- 5%.

SPRAY TIPS

MEDIUM PRESSURE TURBODROP XL 110° NOZZLE



- Superior drift control & excellent coverage
- Wide pressure range from 20-120 PSI
- Comes apart by hand for easy clean up (no tools required)
- Round metering orifice for reduced clogging
- Interchangeable tip / cap
- Wide pressure range allows greatest speed variations
- Sizes 03, 04 & 06 recommended for effective application of Duo Enlist herbicide with Colex-D Technology

Size	No.
01	SPPTDXL11001
015	SPPTDXL110015
02	SPPTDXL11002
025	SPPTDXL110025
03	SPPTDXL11003
04	SPPTDXL110-04
05	SPPTDXL11005
06	SPPTDXL11006
08	SPPTDXL11008
10	-

COMPLETE NOZZLE # (strainer size)	LIQUID PRESSURE PSI	ASAE DROPLET SIZE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING*											
				4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH		
TDXL11001 (use 50 mesh)	30	C	0.09	6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3		
	40	C	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5		
	50	M	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7		
	60	M	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8		
	70	M	0.13	9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.5	2.2	2.0		
	80	F	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1		
TDXL110015 (use 50 mesh)	30	C	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9		
	40	C	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2		
	50	M	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5		
	60	M	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7		
	70	M	0.20	14.7	11.8	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9		
	80	M	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1		
TDXL11002 (use 50 mesh)	30	C	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6		
	40	C	0.20	14.8	11.9	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0		
	50	M	0.22	16.6	13.3	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3		
	60	M	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6		
	70	M	0.26	19.6	15.7	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9		
	80	M	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2		
TDXL110025 (use 50 mesh)	30	C	0.22	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2		
	40	C	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7		
	50	C	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1		
	60	M	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5		
	70	M	0.33	24.5	19.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9		
	80	M	0.35	26.2	21.0	17.5	13.1	10.5	8.7	7.5	6.6	5.8	5.2		
TDXL11003 (use 50 mesh)	30	C	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9		
	40	C	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5		
	50	C	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0		
	60	C	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5		
	70	M	0.40	29.4	23.6	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9		
	80	M	0.42	31.5	25.2	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3		
TDXL11004 (use 24 mesh)	30	XC	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1		
	40	VC	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9		
	50	C	0.45	33.2	26.5	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6		
	60	C	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3		
	70	M	0.53	39.3	31.4	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9		
	80	M	0.57	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4		
TDXL11005 (use 24 mesh)	30	XC	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4		
	40	XC	0.50	37.1	29.7	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4		
	50	VC	0.56	41.5	33.2	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3		
	60	VC	0.61	45.5	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1		
	70	C	0.66	49.1	39.3	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8		
	80	C	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5		
TDXL11006 (use 24 mesh)	30	XC	0.52	38.6	30.9	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7		
	40	XC	0.60	44.6	35.7	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9		
	50	XC	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0		
	60	VC	0.74	54.6	43.7	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9		
	70	VC	0.79	59.0	47.2	39.3	29.5	23.6	19.7	16.8	14.7	13.1	11.8		
	80	C	0.85	63.0	50.4	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6		
TDXL11008	30	XC	0.69	51.2	41.0	34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.2		
	40	XC	0.80	59.2	47.3	39.4	29.6	23.7	19.7	16.9	14.8	13.1	11.8		
	50	XC	0.89	66.2	52.9	44.1	33.1	26.5	22.1	18.9	16.5	14.7	13.2		
	60	XC	0.98	72.5	58.0	48.3	36.2	29.0	24.2	20.7	18.1	16.1	14.5		
	70	VC	1.05	78.3	62.6	52.2	39.1	31.3	26.1	22.4	19.6	17.4	15.7		
	80	VC	1.13	83.7	66.9	55.8	41.8	33.5	27.9	23.9	20.9	18.6	16.7		
TDXL11010	30	XC	0.87	64.3	51.4	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9		
	40	XC	1.00	74.2	59.4	49.5	37.1	29.7	24.7	21.2	18.5	16.5	14.8		
	50	XC	1.12	83.0	66.4	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6		
	60	XC	1.22	90.9	72.7	60.6	45.4	36.3	30.3	26.0	22.7	20.2	18.2		
	70	XC	1.32	98.2	78.5	65.4	49.1	39.3	32.7	28.0	24.5	21.8	19.6		
	80	VC	1.41	104.9	83.9	70.0	52.5	42.0	35.0	30.0	26.2	23.3	21.0		

SPRAY TIPS

TURBODROP ASYMMETRIC DUAL FAN NOZZLE



- Designed to improve coverage on vertical and angular targets
- 50° rearward spray & 10° forward spray
- Alternate nozzle direction

Size	No.
01	SPPTADF01
015	SPPTADF015
02	SPPTADF02
025	SPPTADF025
03	SPPTADF03
04	SPPTADF04
05	SPPTADF05
06	SPPTADF06
08	SPPTADF08
10	SPPTADF10

REPLACEMENT PARTS

No.	Description
SPPDFORAA	O-ring for airmix tips
SPPDFORAS	O-ring for flat even tips
SPPDFSP8	Support plate for TADF
SPPCADF	Complete unit without tips & orifices
SPPGL-DFB	Body for TADF
SPPG125	Gasket for TDXL & TADF

TURBODROP DUAL FAN NOZZLE	LIQUID PRESSURE PSI	DROPLET SIZE ASAE	NOZZLE CAPACITY GPM	Gallons Per Acre Based on 20" Nozzle Spacing														
				6	7	8	9	10	11	12	13	14	15	16	17	18		
				MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	
TADF01	30	M	0.09	4.3	3.7	3.2	2.9	2.6	2.3	2.1	2.0	1.8	1.7	1.6	1.5	1.4		
			0.10	4.9	4.2	3.7	3.3	3.0	2.7	2.5	2.3	2.1	2.0	1.9	1.7	1.6		
			0.11	5.5	4.7	4.1	3.7	3.3	3.0	2.8	2.6	2.4	2.2	2.1	2.0	1.8		
			0.12	6.1	5.2	4.5	4.0	3.6	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0		
			0.13	6.5	5.6	4.9	4.4	3.9	3.6	3.3	3.0	2.8	2.6	2.5	2.3	2.2		
			0.14	7.0	6.0	5.2	4.7	4.2	3.8	3.5	3.2	3.0	2.8	2.6	2.5	2.3		
			0.15	7.4	6.4	5.6	4.9	4.5	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.5		
TADF015	40	M	0.13	6.4	5.5	4.8	4.3	3.9	3.5	3.2	3.0	2.8	2.6	2.4	2.3	2.1		
			0.15	7.4	6.4	5.6	4.9	4.5	4.0	3.7	3.4	3.2	3.0	2.8	2.6	2.5		
			0.17	8.3	7.1	6.2	5.5	5.0	4.5	4.1	3.8	3.6	3.3	3.1	2.9	2.8		
			0.18	9.1	7.8	6.8	6.1	5.5	5.0	4.5	4.2	3.9	3.6	3.4	3.2	3.0		
			0.20	9.8	8.4	7.4	6.5	5.9	5.4	4.9	4.5	4.2	3.9	3.7	3.5	3.3		
			0.21	10.5	9.0	7.9	7.0	6.3	5.7	5.2	4.8	4.5	4.2	3.9	3.7	3.5		
			0.22	11.1	9.5	8.3	7.4	6.7	6.1	5.6	5.1	4.8	4.5	4.2	3.9	3.7		
TADF02	50	M	0.17	8.6	7.3	6.4	5.7	5.1	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.9		
			0.20	9.9	8.5	7.4	6.6	5.9	5.4	4.9	4.6	4.2	4.0	3.7	3.5	3.3		
			0.22	11.1	9.5	8.3	7.4	6.6	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7		
			0.24	12.1	10.4	9.1	8.1	7.3	6.6	6.1	5.6	5.2	4.8	4.5	4.3	4.0		
			0.26	13.1	11.2	9.8	8.7	7.9	7.1	6.5	6.0	5.6	5.2	4.9	4.6	4.4		
			0.28	14.0	12.0	10.5	9.3	8.4	7.6	7.0	6.5	6.0	5.6	5.2	4.9	4.7		
			0.30	14.8	12.7	11.1	9.9	8.9	8.1	7.4	6.8	6.4	5.9	5.6	5.2	4.9		
TADF025	60	M	0.24	12.3	10.5	9.2	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.3	4.1		
			0.25	12.9	11.0	9.6	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3		
			0.26	13.7	11.7	10.3	9.2	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.3		
			0.27	14.4	12.3	10.9	9.8	8.9	8.2	7.6	7.0	6.5	6.1	5.7	5.4	5.1		
			0.28	15.1	12.9	11.4	10.3	9.3	8.6	7.9	7.3	6.9	6.4	6.0	5.7	5.4		
			0.29	15.8	13.5	12.0	10.9	9.9	9.2	8.5	7.9	7.4	6.9	6.5	6.1	5.8		
			0.30	16.5	14.1	12.6	11.4	10.4	9.7	9.0	8.3	7.7	7.1	6.6	6.2	5.9		
TADF03	70	M	0.26	12.9	11.0	9.6	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3		
			0.30	14.8	12.7	11.1	9.9	8.9	8.1	7.4	6.8	6.4	5.9	5.6	5.2	4.9		
			0.34	16.6	14.2	12.4	11.1	10.0	9.0	8.3	7.7	7.1	6.6	6.2	5.9	5.5		
			0.37	18.2	15.6	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1		
			0.40	19.6	16.8	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.5		
			0.42	21.0	18.0	15.7	14.0	12.6	11.4	10.5	9.7	9.0	8.4	7.9	7.4	7.0		
			0.45	22.3	19.1	16.7	14.8	13.4	12.1	11.1	10.3	9.5	8.9	8.3	7.9	7.4		
TADF04	80	M	0.25	12.7	10.6	9.3	8.2	7.4	6.7	6.2	5.7	5.3	4.9	4.6	4.4	4.1		
			0.28	13.8	11.9	10.4	9.2	8.3	7.5	6.9	6.4	5.9	5.5	5.2	4.9	4.6		
			0.31	15.1	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.0		
			0.33	16.4	14.0	12.3	10.9	9.8	8.9	8.2	7.6	7.0	6.5	6.1	5.8	5.5		
			0.35	17.5	15.0	13.1	11.7	10.5	9.5	8.7	8.1	7.5	7.0	6.6	6.2	5.8		
			0.37	18.5	15.9	13.9	12.4	11.1	10.1	9.3	8.6	7.9	7.4	7.0	6.5	6.2		
			0.40	19.6	16.8	14.7	13.0	11.7	10.7	9.8	9.0	8.4	7.8	7.3	6.9	6.5		
TADF05	90	M	0.26	12.9	11.0	9.6	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3		
			0.30	14.8	12.7	11.1	9.9	8.9	8.1	7.4	6.8	6.4	5.9	5.6	5.2	4.9		
			0.34	16.6	14.2	12.4	11.1	10.0	9.0	8.3	7.7	7.1	6.6	6.2	5.9	5.5		
			0.37	18.2	15.6	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1		
			0.40	19.6	16.8	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.5		
			0.42	21.0	18.0	15.7	14.0	12.6	11.4	10.5	9.7	9.0	8.4	7.9	7.4	7.0		
			0.45	22.3	19.1	16.7	14.8	13.4	12.1	11.1	10.3	9.5	8.9	8.3	7.9	7.4		
TADF06	100	M	0.27	13.5	11.4	10.0	9.0	8.1	7.4	6.8	6.3	5.9	5.5	5.1	4.8	4.5		
			0.30	15.1	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.0		
			0.33	16.4	14.0	12.3	10.9	9.8	8.9	8.2	7.6	7.0	6.5	6.1	5.8	5.5		
			0.35	17.5	15.0	13.1	11.7	10.5	9.5	8.7	8.1	7.5	7.0	6.6	6.2	5.8		
			0.37	18.5	15.9	13.9	12.4	11.1	10.1	9.3	8.6	7.9	7.4	7.0	6.5	6.2		
			0.40	19.6	16.8	14.7	13.0	11.7	10.7	9.8	9.0	8.4	7.8	7.3	6.9	6.5		
			0.41	20.5	17.6	15.4	13.7	12.3	11.2	10.3	9.5	8.8	8.2	7.7	7.2	6.8		
TADF08	110	M	0.28	14.1	12.0	10.5	9.4	8.5	7.8	7.2	6.7	6.2	5.8	5.4	5.0	4.7		
			0.30	15.1	13.0	11.4	10.1	9.1	8.3	7.6	7.0	6.5	6.1	5.7	5.3	5.0		
			0.33	16.4	14.0	12.3	10.9	9.8	8.9	8.2	7.6	7.0	6.5	6.1	5.8	5.5		
			0.35	17.5	15.0	13.1	11.7	10.5	9.5	8.7	8.1	7.5	7.0	6.6	6.2	5.8		
			0.37	18.5	15.9	13.9	12.4	11.1	10.1	9.3	8.6	7.9	7.4	7.0	6.5	6.2		
			0.40	19.6	16.8	14.7	13.0	11.7	10.7	9.8	9.0	8.4	7.8	7.3	6.9	6.5		
			0.41	20.5	17.6	15.4	13.7	12.3	11.2	10.3	9.5	8.8	8.2	7.7	7.2	6.8		
TADF10	120	M	0.26	12.9	11.0	9.6	8.6	7.7	7.0	6.4	5.9	5.5	5.1	4.8	4.5	4.3		
			0.30	14.8	12.7	11.1	9.9	8.9	8.1	7.4	6.8	6.4	5.9	5.6	5.2	4.9		
			0.34	16.6	14.2	12.4	11.1	10.0	9.0	8.3	7.7	7.1	6.6	6.2	5.9	5.5		
			0.37	18.2	15.6	13.6	12.1	10.9	9.9	9.1	8.4	7.8	7.3	6.8	6.4	6.1		
			0.40	19.6	16.8	14.7	13.1	11.8	10.7	9.8	9.1	8.4	7.9	7.4	6.9	6.5		
			0.42	21.0	18.0	15.7	14.0	12.6	11.4	10.5	9.7	9.0	8.4	7.9	7.4	7.0		
			0.45	22.3	19.1	16.7	14.8	13.4	12.1	11.1	10.3	9.5	8.9	8.3	7.9	7.4		

SPRAYMAX ASYMMETRIC DUALFAN NOZZLES



The DF Dual Fan Nozzle employs conventional flat fan tips in an asymmetric dual cap. The dual tips are oriented 10° forward and 50° rearward to provide a combination of penetration and backside coverage in complex canopies.

To maximize coverage, the nozzles may be alternated on the boom to provide four angles of spray orientation into the canopy, effectively spraying the target four times in one pass.

Size	No.
04	SPPDF04
05	SPPDF05
06	SPPDF06
065	SPPDF065
07	SPPDF07
08	SPPDF08
10	SPPDF10
12	SPPDF12

	Liquid Pressure PSI	Nozzle Capacity GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING									
			3 MPH	4 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
DF04 11001 + 8003 	20	0.28	28.0	21.0	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	30	0.35	34.3	25.7	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	0.40	39.6	29.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9
	50	0.45	44.2	33.2	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	0.49	48.5	36.3	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
DF05 11002 + 8003 	20	0.35	35.0	26.3	17.5	13.1	10.5	8.8	7.5	6.6	5.8	5.3
	30	0.43	42.9	32.2	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	0.50	49.5	37.1	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	0.56	55.4	41.5	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	0.61	60.7	45.5	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
DF06 11002 + 8004 	20	0.42	42.0	31.5	21.0	15.8	12.6	10.5	9.0	7.9	7.0	6.3
	30	0.52	51.5	38.6	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
	40	0.60	59.4	44.6	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
	50	0.67	66.4	49.8	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
	60	0.74	72.8	54.6	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
DF065 110025 + 8004 	20	0.46	45.5	34.1	22.8	17.1	13.7	11.4	9.8	8.5	7.6	6.8
	30	0.56	55.7	41.8	27.9	20.9	16.7	13.9	11.9	10.5	9.3	8.4
	40	0.65	64.4	48.3	32.2	24.1	19.3	16.1	13.8	12.1	10.7	9.7
	50	0.73	72.0	54.0	36.0	27.0	21.6	18.0	15.4	13.5	12.0	10.8
	60	0.80	78.8	59.1	39.4	29.6	23.6	19.7	16.9	14.8	13.1	11.8
DF07 11003 + 8004 	20	0.50	49.0	36.8	24.5	18.4	14.7	12.3	10.5	9.2	8.2	7.4
	30	0.61	60.0	45.0	30.0	22.5	18.0	15.0	12.9	11.3	10.0	9.0
	40	0.70	69.3	52.0	34.7	26.0	20.8	17.3	14.9	13.0	11.6	10.4
	50	0.78	77.5	58.1	38.7	29.1	23.2	19.4	16.6	14.5	12.9	11.6
	60	0.86	84.9	63.7	42.4	31.8	25.5	21.2	18.2	15.9	14.1	12.7
DF08 11003 + 8005 	20	0.56	55.8	41.8	27.9	20.9	16.7	13.9	12.0	10.5	9.3	8.4
	30	0.69	68.3	51.2	34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.2
	40	0.80	78.9	59.2	39.4	29.6	23.7	19.7	16.9	14.8	13.1	11.8
	50	0.89	88.2	66.2	44.1	33.1	26.5	22.1	18.9	16.5	14.7	13.2
	60	0.98	96.6	72.5	48.3	36.2	29.0	24.2	20.7	18.1	16.1	14.5
DF10 11004 + 8006 	20	0.71	70.0	52.5	35.0	26.2	21.0	17.5	15.0	13.1	11.7	10.5
	30	0.87	85.7	64.3	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9
	40	1.00	98.9	74.2	49.5	37.1	29.7	24.7	21.2	18.5	16.5	14.8
	50	1.12	110.6	83.0	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6
	60	1.22	121.2	90.9	60.6	45.4	36.3	30.3	26.0	22.7	20.2	18.2
DF12 11006 + 11006 	20	0.85	84.1	63.1	42.1	31.5	25.2	21.0	18.0	15.8	14.0	12.6
	30	1.04	103.0	77.3	51.5	38.6	30.9	25.8	22.1	19.3	17.2	15.5
	40	1.20	119.0	89.2	59.5	44.6	35.7	29.7	25.5	22.3	19.8	17.8
	50	1.34	133.0	99.8	66.5	49.9	39.9	33.3	28.5	24.9	22.2	20.0
	60	1.47	145.7	109.3	72.9	54.6	43.7	36.4	31.2	27.3	24.3	21.9

SPRAY TIPS

TURBODROP VARIABLE RATE FERTILIZER NOZZLES





The TurboDrop Variable Rate fertilizer nozzle is designed to apply liquid fertilizer at a 4-5x flow rate range to allow for varying fertilizer requirements of the target crop.


The TurboDrop Variable Rate may be operated from 10-140 PSI, allowing up to a 5x rate change at a given speed. Additionally, the TDVRHB can maintain a constant GPA rate over a 5x speed change.


The TDVRHB utilizes a 3/8" hose barb for ease of installation on fertilizer rigs, and acts as a variable-flow metering orifice.

Size	No.
015	SPPTDVRHB015-AL
02	SPPTDVRHB02-AL
03	SPPTDVRHB03-AL
05	SPPTDVRHB05-AL

TDVRHB015 TDVRF015		Press.	Flow	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING																
		PSI	GPM	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
 (approx. ISO 015-03)		10	0.123	12.2	9.1	7.3	6.1	5.2	4.6	4.1	3.7	3.3	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.8
		20	0.174	17.2	12.9	10.3	8.6	7.4	6.5	5.7	5.2	4.7	4.3	4.0	3.7	3.4	3.2	3.0	2.9	2.6
		30	0.266	26.3	19.8	15.8	13.2	11.3	9.9	8.8	7.9	7.2	6.6	6.1	5.6	5.3	4.9	4.6	4.4	4.0
		40	0.350	34.7	26.0	20.8	17.3	14.9	13.0	11.6	10.4	9.5	8.7	8.0	7.4	6.9	6.5	6.1	5.8	5.2
		50	0.391	38.7	29.0	23.2	19.4	16.6	14.5	12.9	11.6	10.6	9.7	8.9	8.3	7.7	7.3	6.8	6.5	5.8
		60	0.443	43.9	32.9	26.3	21.9	18.8	16.4	14.6	13.2	12.0	11.0	10.1	9.4	8.8	8.2	7.7	7.3	6.6
		70	0.483	47.8	35.9	28.7	23.9	20.5	17.9	15.9	14.3	13.0	12.0	11.0	10.2	9.6	9.0	8.4	8.0	7.2
		80	0.516	51.1	38.3	30.7	25.5	21.9	19.2	17.0	15.3	13.9	12.8	11.8	10.9	10.2	9.6	9.0	8.5	7.7
		100	0.566	56.0	42.0	33.6	28.0	24.0	21.0	18.7	16.8	15.3	14.0	12.9	12.0	11.2	10.5	9.9	9.3	8.4
		120	0.620	61.4	46.0	36.8	30.7	26.3	23.0	20.5	18.4	16.7	15.3	14.2	13.2	12.3	11.5	10.8	10.2	9.2
140	0.670	66.3	49.7	39.8	33.2	28.4	24.9	22.1	19.9	18.1	16.6	15.3	14.2	13.3	12.4	11.7	11.1	9.9		

TDVRHB02 TDVRF02		Press.	Flow	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING																
		PSI	GPM	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
 (approx. ISO 02-04)		10	0.180	17.8	13.4	10.7	8.9	7.6	6.7	5.9	5.3	4.9	4.5	4.1	3.8	3.6	3.3	3.1	3.0	2.7
		20	0.251	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.5	6.8	6.2	5.7	5.3	5.0	4.7	4.4	4.1	3.7
		30	0.384	38.0	28.5	22.8	19.0	16.3	14.3	12.7	11.4	10.4	9.5	8.8	8.1	7.6	7.1	6.7	6.3	5.7
		40	0.512	50.7	38.0	30.4	25.3	21.7	19.0	16.9	15.2	13.8	12.7	11.7	10.9	10.1	9.5	8.9	8.4	7.6
		50	0.575	56.9	42.7	34.2	28.5	24.4	21.3	19.0	17.1	15.5	14.2	13.1	12.2	11.4	10.7	10.0	9.5	8.5
		60	0.653	64.6	48.5	38.8	32.3	27.7	24.2	21.5	19.4	17.6	16.2	14.9	13.9	12.9	12.1	11.4	10.8	9.7
		70	0.696	68.9	51.7	41.3	34.5	29.5	25.8	23.0	20.7	18.8	17.2	15.9	14.8	13.8	12.9	12.2	11.5	10.3
		80	0.744	73.7	55.2	44.2	36.8	31.6	27.6	24.6	22.1	20.1	18.4	17.0	15.8	14.7	13.8	13.0	12.3	11.0
		100	0.821	81.3	61.0	48.8	40.6	34.8	30.5	27.1	24.4	22.2	20.3	18.8	17.4	16.3	15.2	14.3	13.5	12.2
		120	0.900	89.1	66.8	53.5	44.6	38.2	33.4	29.7	26.7	24.3	22.3	20.6	19.1	17.8	16.7	15.7	14.9	13.4
140	0.972	96.2	72.2	57.7	48.1	41.2	36.1	32.1	28.9	26.2	24.1	22.2	20.6	19.2	18.0	17.0	16.0	14.4		

TDVRHB03 TDVRF03		Press.	Flow	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING																
		PSI	GPM	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
 (approx. ISO 03-06)		10	0.230	22.8	17.1	13.7	11.4	9.8	8.5	7.6	6.8	6.2	5.7	5.3	4.9	4.6	4.3	4.0	3.8	3.4
		20	0.326	32.3	24.2	19.4	16.1	13.8	12.1	10.8	9.7	8.8	8.1	7.4	6.9	6.5	6.1	5.7	5.4	4.8
		30	0.492	48.7	36.5	29.2	24.4	20.9	18.3	16.2	14.6	13.3	12.2	11.2	10.4	9.7	9.1	8.6	8.1	7.3
		40	0.661	65.4	49.1	39.3	32.7	28.0	24.5	21.8	19.6	17.8	16.4	15.1	14.0	13.1	12.3	11.5	10.9	9.8
		50	0.739	73.2	54.9	43.9	36.6	31.4	27.4	24.4	21.9	20.0	18.3	16.9	15.7	14.6	13.7	12.9	12.2	11.0
		60	0.825	81.7	61.3	49.0	40.8	35.0	30.6	27.2	24.5	22.3	20.4	18.8	17.5	16.3	15.3	14.4	13.6	12.3
		70	0.885	87.6	65.7	52.6	43.8	37.5	32.9	29.2	26.3	23.9	21.9	20.2	18.8	17.5	16.4	15.5	14.6	13.1
		80	0.943	93.4	70.0	56.0	46.7	40.0	35.0	31.1	28.0	25.5	23.3	21.5	20.0	18.7	17.5	16.5	15.6	14.0
		100	1.054	104.3	78.3	62.6	52.2	44.7	39.1	34.8	31.3	28.5	26.1	24.1	22.4	20.9	19.6	18.4	17.4	15.7
		120	1.154	114.2	85.7	68.5	57.1	49.0	42.8	38.1	34.3	31.2	28.6	26.4	24.5	22.8	21.4	20.2	19.0	17.1
140	1.247	123.5	92.6	74.1	61.7	52.9	46.3	41.2	37.0	33.7	30.9	28.5	26.5	24.7	23.1	21.8	20.6	18.5		

TDVRHB05 TDVRF05		Press.	Flow	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING																
		PSI	GPM	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	20
 (approx. ISO 05-10)		10	0.454	44.9	33.7	27.0	22.5	19.3	16.9	15.0	13.5	12.3	11.2	10.4	9.6	9.0	8.4	7.9	7.5	6.7
		20	0.642	63.6	47.7	38.1	31.8	27.2	23.8	21.2	19.1	17.3	15.9	14.7	13.6	12.7	11.9	11.2	10.6	9.5
		30	0.758	75.0	56.3	45.0	37.5	32.2	28.1	25.0	22.5	20.5	18.8	17.3	16.1	15.0	14.1	13.2	12.5	11.3
		40	0.930	92.1	69.1	55.2	46.0	39.5	34.5	30.7	27.6	25.1	23.0	21.2	19.7	18.4	17.3	16.2	15.3	13.8
		50	1.039	102.9	77.1	61.7	51.4	44.1	38.6	34.3	30.9	28.1	25.7	23.7	22.0	20.6	19.3	18.2	17.1	15.4
		60	1.091	108.0	81.0	64.8	54.0	46.3	40.5	36.0	32.4	29.5	27.0	24.9	23.1	21.6	20.3	19.1	18.0	16.2
		70	1.269	125.6	94.2	75.4	62.8	53.8	47.1	41.9	37.7	34.3	31.4	29.0	26.9	25.1	23.6	22.2	20.9	18.8
		80	1.368	135.4	101.6	81.3	67.7	58.0	50.8	45.1	40.6	36.9	33.9	31.3	29.0	27.1	25.4	23.9	22.6	20.3
		100	1.530	151.5	113.6	90.9	75.7	64.9	56.8	50.5	45.4	41.3	37.9	35.0	32.5	30.3	28.4	26.7	25.2	22.7
		120	1.676	165.9	124.4	99.6	83.0	71.1	62.2	55.3	49.8	45.3	41.5	38.3	35.6	33.2	31.1	29.3	27.7	24.9
140	1.810	179.2	134.4	107.5	89.6	76.8	67.2	59.7	53.8	48.9	44.8	41.4	38.4	35.8	33.6	31.6	29.9	26.9		

SPRAY TIPS

Quick Teejet Cap



Seat Gasket



QUICK TEEJET CAP GASKETS - Purchase separately unless otherwise stated

For All Tips except Disk Core

No.	Description
SPPCP19438-EPR	EPDM
SPPCP19438-VI	Viton

For Disk Core Assembly - Insert Core into Seal

No.	Description
SPPCP18999-EPR	EPDM
SPPCP18999-VI	Viton

Teejet Caps		For Use with Spray Tips:	No.	Mfg. No.	Type
	TeeJet Flat Spray Tips (Smaller Capacities) Tips can be positioned in choice of two spray plane directions parallel or perpendicular to wings of Quick Teejet Cap XR Size 01 thru -08 TP Size 0067 thru -08 DG Size 015 thru -05		SPPCP25595-1-NY	CP25595-1-NY	Nylon
			SPPCP25595-2-NY	CP25595-2-NY	Nylon
			SPPCP25595-3-NY	CP25595-3-NY	Nylon
			SPPCP25595-4-NY	CP25595-4-NY	Nylon
			SPPCP25595-5-NY	CP25595-5-NY	Nylon
			SPPCP25595-6-NY	CP25595-6-NY	Nylon
			SPPCP25595-7-NY	CP25595-7-NY	Nylon
			SPPCP25595-8-NY	CP25595-8-NY	Nylon
			SPPCP114440-1-CE	CP114440-1-CE	Celcon
			SPPCP114440-2-CE	CP114440-2-CE	Celcon
	TeeJet* Flat Spray Tips (Smaller Capacities) TP Standard -0067 to -08 DG Teejet* XR -01 to -08 Turbo Teejet* -01 to -08 Turbo Teejet* DC Teejet* AOR Teejet* -015 to -06		SPPCP114440-3-CE	CP114440-3-CE	Celcon
			SPPCP114440-4-CE	CP114440-4-CE	Celcon
			SPPCP114440-5-CE	CP114440-5-CE	Celcon
			SPPCP114440-6-CE	CP114440-6-CE	Celcon
			SPPCP114440-7-CE	CP114440-7-CE	Celcon
			SPPCP114440-8-CE	CP114440-8-CE	Celcon
			SPPCP114440-9-CE	CP114440-9-CE	Celcon
			SPPCP114440-10-CE	CP114440-10-CE	Celcon
			SPPCP25609-1-NY	CP25609-1-NY	Nylon
			SPPCP25609-2-NY	CP25609-2-NY	Nylon
	TeeJet Flat Spray Tips (Larger Capacities) TP Standard -10 to -20 XR -10 to -15		SPPCP25609-3-NY	CP25609-3-NY	Nylon
			SPPCP25609-4-NY	CP25609-4-NY	Nylon
			SPPCP25609-5-NY	CP25609-5-NY	Nylon
			SPPCP25609-6-NY	CP25609-6-NY	Nylon
			SPPCP25609-7-NY	CP25609-7-NY	Nylon
			SPPCP25609-8-NY	CP25609-8-NY	Nylon
			SPPCP114442-1-CE	CP114442-1-CE	Celcon
			SPPCP114442-2-CE	CP114442-2-CE	Celcon
			SPPCP114442-3-CE	CP114442-3-CE	Celcon
			SPPCP114442-4-CE	CP114442-4-CE	Celcon
	TK60 Teejet* AI Teejet* and A10B Teejet* AI Turbo Teejet* -02 to -06 DG Teejet* Turbo Teejet* Induction -015 to -06 SIS StreamJet AOR Teejet* -08 to -10		SPPCP114442-5-CE	CP114442-5-CE	Celcon
			SPPCP114442-6-CE	CP114442-6-CE	Celcon
			SPPCP114442-7-CE	CP114442-7-CE	Celcon
			SPPCP114442-8-CE	CP114442-8-CE	Celcon
			SPPCP114442-10-CE	CP114442-10-CE	Celcon
			SPPCP25599-1-NY	CP25599-1-NY	Nylon
			SPPCP25599-2-NY	CP25599-2-NY	Nylon
			SPPCP25599-3-NY	CP25599-3-NY	Nylon
			SPPCP25599-4-NY	CP25599-4-NY	Nylon
			SPPCP25599-5-NY	CP25599-5-NY	Nylon
	Turbo FloodJet* TK-VP FloodJet* TK-VS FloodJet* Locating Nib		SPPCP25599-6-NY	CP25599-6-NY	Nylon
			SPPCP25599-7-NY	CP25599-7-NY	Nylon
			SPPCP25599-8-NY	CP25599-8-NY	Nylon
			SPPCP114444-1-CE	CP114444-1-CE	Celcon
			SPPCP114444-2-CE	CP114444-2-CE	Celcon
			SPPCP114444-3-CE	CP114444-3-CE	Celcon
			SPPCP114444-4-CE	CP114444-4-CE	Celcon
			SPPCP114444-5-CE	CP114444-5-CE	Celcon
			SPPCP114444-6-CE	CP114444-6-CE	Celcon
			SPPCP114444-7-CE	CP114444-7-CE	Celcon
	TK FloodJet* FL FullJet* TK/TXA ConeJet* TG Full Core Hose Shark ATXA ConeJet		SPPCP114444-8-CE	CP114444-8-CE	Celcon
			SPPCP114444-9-CE	CP114444-9-CE	Celcon
			SPPCP114444-10-CE	CP114444-10-CE	Celcon
			SPPCP114501-1-CE	CP114501-1-CE	Celcon
			SPPCP114501-2-CE	CP114501-2-CE	Celcon
			SPPCP114501-11-CE	CP114501-11-CE	Celcon
			SPPCP114501-12-CE	CP114501-12-CE	Celcon
			SPPCP114501-13-CE	CP114501-13-CE	Celcon
			SPPCP114501-1-CE	CP114501-1-CE	Celcon
			SPPCP114501-2-CE	CP114501-2-CE	Celcon
	AI Turbo Teejet* -08 to -15 Turbo Teejet* Induction -08 to -10 Turbo Teejet* -10 to -12		SPPCP114501-11-CE	CP114501-11-CE	Celcon
			SPPCP114501-12-CE	CP114501-12-CE	Celcon
			SPPCP114501-13-CE	CP114501-13-CE	Celcon
			SPPCP26277-1-NY	CP26277-1-NY	Nylon
			SPPQJ4676-1/8-NYR	QJ4676-1/8-NYR	Nylon
	Cosmic Disk Core D-Disc Core TKB ConeJet* ATKB ConeJet*		SPPQJ4676-1/4-NYR	QJ4676-1/4-NYR	Nylon
	Permits use of standard 1/8" and 1/4" nozzles. Can be used for mounting pressure gauge at the nozzle.		SPPQJ4676-45-1/4-NYR	QJ4676-45-1/4-NYR	Nylon
	45° Quick Teejet Cap with 1/4" FPT outlet.		SPPQJ4676-90-1/4-NYR	QJ4676-90-1/4-NYR	Nylon
	90° Quick Teejet Cap with 1/4" FPT outlet.		SPP114447-1-CELR	114447-1-CELR	Celcon
	Provides shutoff at nozzle for quick spacing change or change in spray swath.				

SPRAY TIPS

• Protects spray tip orifice from clogging and damage

• See Tip Selection Charts for proper mesh size.



TEEJET STRAINER

- 316 Stainless steel body & screen

No.	Mfg. No.
-	6051-SS-24
SPP6051-SS-50	6051-SS-50
-	6051-SS-80
SPP72920	6051-SS-100
-	6051-SS-110
-	6051-SS-200



TEEJET STRAINER

- Polypropylene body
- Stainless steel screen
- VisiFlo color coding

No.	Mfg. No.	Mesh
SPP8079-PP-24	8079-PP-24	24
SPP8079-PP-50	8079-PP-50	50
SPP8079-PP-80	8079-PP-80	80
SPP8079-PP-100	8079-PP-100	100
SPP8079-PP-200	8079-PP-200	200



TEEJET STRAINER

- Brass body
- Stainless Steel screen

No.	Mfg. No.	Mesh
SPP5053-24-SS	5053-24-SS	24
SPP5053-50-SS	5053-50-SS	50
SPP5053-80-SS	5053-80-SS	80
SPP5053-100-SS	5053-100-SS	100
SPP5053-200-SS	5053-200-SS	200



TEEJET NYLON SLOTTED STRAINERS

For liquids containing suspended solids. VisiFlo colour coding.

No.	Mfg. No.	Mesh
SPP4514-NY-32	4514-NY-32	16
SPP4514-NY-20	4514-NY-20	25
SPP4514-NY-10	4514-NY-10	50



WILGER STRAINER

- Polypropylene body
- Stainless steel screen
- Color coded

No.	Mfg. No.	Mesh
SPP40150-00	-	50
SPP40151-00	-	100



TEEJET STRAINERS

With VisiFlo color coding. One piece molded polypropylene

No.	Mfg. No.	Mesh
SPP19845-25-PP	19845-25-PP	25
SPP19845-50-PP	19845-50-PP	50

BALL CHECK VALVE • NOZZLE STRAINERS

- Minimize nozzle dripping . . . fits all nozzles.
- Recommended for flow rates up to 0.8 GPM



BALL CHECK STRAINER

- Polypropylene body
- Stainless steel screen & spring
- Color coded

No.	Mesh
-	100



REPLACEMENT SCREENS

- Fits all standard strainers.
- Stainless steel

No.	Mfg. No.	Mesh
-	CP2930-24-SS	24
SPPCP2930-50-SS	CP2930-50-SS	50



CUP STRAINERS

- Stainless Steel

No.	Mfg. No.	Mesh
SPP4067-SS-50	4067-SS-50	50
SPP4067-SS-100	4067-SS-100	100
-	4067-SS-200	200



TEEJET BALL CHECK STRAINER

- Polypropylene body
- Stainless Steel screen & spring
- VisiFlo color coding

No.	Mfg. No.
5 PSI Check Valve	
SPP4193A-PP-5-24SS	4193A-PP-5-24SS
SPP4193A-PP-5-50SS	4193A-PP-5-50SS
SPP4193A-PP-5-80SS	4193A-PP-5-80SS
SPP4193A-PP-5-100SS	4193A-PP-5-100SS
-	4193A-PP-5-200SS
10 PSI Check Valve	
SPP4193A-PP-10-24SS	4193A-PP-10-24SS
SPP4193A-PP-10-50SS	4193A-PP-10-50SS
SPP4193A-PP-10-100SS	4193A-PP-10-100SS
-	4193A-PP-10-200SS



TEEJET BALL CHECK STRAINER

- Brass body
- 316 Stainless steel screen and spring

No.	Mfg. No.
5 PSI Check Valve	
SPP4193A-5-24SS	4193A-5-24SS
SPP4193A-5-50SS	4193A-5-50SS
SPP4193A-5-80SS	4193A-5-80SS
SPP4193A-5-100SS	4193A-5-100SS
-	4193A-5-110SS
SPP4193A-5-200SS	4193A-5-200SS
10 PSI Check Valve	
-	4193A-10-24SS
SPP4193A-10-50SS	4193A-10-50SS
SPP4193A-10-80SS	4193A-10-80SS
SPP4193A-10-100SS	4193A-10-100SS
-	4193A-10-110SS
-	4193A-10-200SS
20 PSI Check Valve	
SPP4193A-20-50SS	4193A-20-50SS
SPP4193A-20-100SS	4193A-20-100SS



TEEJET BALL CHECK STRAINER

- 316 Stainless steel screen, body, spring & ball

No.	Mfg. No.
5 PSI Check Valve	
SPP4193A-SS-5-24SS	4193A-SS-5-24SS
SPP4193A-SS-5-50SS	4193A-SS-5-50SS
SPP4193A-SS-5-100SS	4193A-SS-5-100SS
-	4193A-SS-5-200SS
10 PSI Check Valve	
-	4193A-SS-10-24SS
SPP4193A-SS-10-50SS	4193A-SS-10-50SS
-	4193A-SS-10-100SS
-	4193A-SS-10-200SS

* NOTE: Use of Ball Check Valve results in a pressure drop of 5 to 20 PSI depending on spring pressure rating.



POLY TEEJET BALL CHECK VALVE

(NO SCREEN)

- For large flow nozzles of .40 to 1.5 GPM where a screen is not required.

No.	Mfg. No.
SPP11750-PP-5	11750-PP-5
SPP11750-PP-10	11750-PP-10



BRASS TEEJET BALL CHECK VALVE

(NO SCREEN)

- For large flow nozzles of .40 to 1.5 GPM where a screen is not required.

No.	Mfg. No.
SPP11750-5	11750-5
SPP11750-10	11750-10



SS TEEJET BALL CHECK VALVE

(NO SCREEN)

- 316 Stainless Steel body, spring & ball
- For use where screen is not required

No.	Mfg. No.
SPP11750-SS-5	11750-SS-5
-	11750-SS-10

ROW APPLICATION KIT

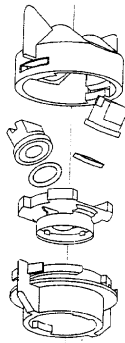
Adjustable row application kit for applying post-emergence chemicals over crop rows



- Easily adjustable arms for length and angle without removing bolts
- Positioning one arm at proper angle automatically sets correct angle of second arm
- Stainless steel arms
- Fits square or round booms up to 1½" diameter
- Kit includes standard and Quick TeeJet nozzle bodies
- Side nozzle bodies may be rotated
- Max. 125 PSI (9 bar)
- Spray tips and strainers not included

No.	Mfg. No.
SPP23770-SS	23770-SS

TWIN CAP



- Smaller droplets at larger volumes
- Better penetration
- More accurate coverage
- Accepts standard fan, even & low drift spray tips
- Fits all standard nozzle bodies
- Twin cap - assembly includes adapter, cap and necessary o-rings to attach to nozzle bodies

TIPS NOT INCLUDED

No.	Description
SPP152607TC	Twin Cap Assembly
SPP2270-0150	Twin Cap Gasket

HARDI CAPS TO QUICK TEEJET NOZZLE RETROFIT

Hardi Caps	For Use with Spray Tips	No.	Mfg. No.	Color	
	TeeJet Flat Spray Tips (Smaller Capacities) Standard Size 0067 Thru -08 XR Size 01 Thru -08 DG Size 015 Thru -05	SPPCP23307-1-CE	CP23307-1-CE	Black	
		SPPCP23307-2-CE	CP23307-2-CE	White	
		SPPCP23307-3-CE	CP23307-3-CE	Red	
		SPPCP23307-4-CE	CP23307-4-CE	Blue	
		SPPCP23307-5-CE	CP23307-5-CE	Green	
		SPPCP23307-6-CE	CP23307-6-CE	Yellow	
	Kematal Flat Spray Tips No. NS-110-PF-_____	-	CP23307-7-CE	Brown	
		-	CP23307-8-CE	Orange	
			TJ TwinJet® No. TJ60_____ Spray Tip		A1 TeeJet® No. A11100_____ VS

HARDI TO QUICK TEEJET ASSEMBLY

Using Hardi Strainer

Using Teejet Strainer

No.	Mfg. No.	Description
SPPCP23308-EPR	CP23308-EPR	EPDM Seat Gasket
SPPCP26227-EPR	CP26227-EPR	EPDM Seat Gasket



HOSE DROPS

Hose drops connect to standard and Quick TeeJet nozzle bodies and can also be used with swivels. 1/4" MPT Outlet. 125 psi max.

Note: QJ1/4T-NYB can be attached to hose drops for use with Quick TeeJet caps. See page 69.

No.	Mfg. No.	Length	Inlet
SPP21353-6-15-NYB	21353-6-15-NYB	15"	Quick Teejet Type
SPP21353-6-24-NYB	21353-6-24-NYB	24"	
SPP21354-15-NYB	21354-15-NYB	15"	11/16" - 16 Teejet Thread
SPP21354-24-NYB	21354-24-NYB	24"	

QUICK TEEJET 370 SERIES MULTI-NOZZLE BODIES FOR WET BOOMS



- Flow Rates:
 - Three Outlet : 2.6 GPM (9.8 L/min) with 5 PSI (0.34 bar) pressure drop
3.6 GPM (13.6 L/min) with 10 PSI (0.69 bar) pressure drop
 - Five Outlet : 2.4 GPM (9.1 L/min) with 5 PSI (0.34) pressure drop
3.4 GPM (12.9 L/min) with 10 PSI (0.69 bar) pressure drop
- Maximum pressure of 300 PSI (20 bar)
- Viton O-rings and Diaphragm
- Automatic spray tip alignment with use of Quick Teejet caps
- Hinged upper clamp and stainless steel bolt with captured nut reduces installation time
- Positive shut-off between each spray position
- 10 PSI diaphragm

THREE NOZZLE

FIVE NOZZLE

No.	Mfg. No.	Size
SPPQJ373-1/2-NYB	QJ373-1/2-NYB	1/2"
SPPQJ373-3/4-NYB	QJ373-3/4-NYB	3/4"
SPPQJ373-1-NYB	QJ373-1-NYB	1"

No.	Mfg. No.	Size
-	QJ375-1/2-NYB	1/2"
SPPQJ375-3/4-NYB	QJ375-3/4-NYB	3/4"
SPPQJ375-1-NYB	QJ375-1-NYB	1"

QUICK TEEJET 360 SERIES MULTI-NOZZLE BODIES FOR WET BOOMS



- Flow: 2.25 GPM (8.5 L/min) with 5 PSI (0.34 bar) pressure drop
- Automatic self-alignment with flat fan spray patterns
- Molded hex socket in the upper clamp for attaching to flat surfaces
- Hinged upper clamp reduces assembly time and fits inside common boom channels
- Also available with optional 39535 ChemSaver air shut-off valve
- Maximum pressure of 300 PSI (20 bar)
- Positive shut-off between each spray position
- 10 PSI diaphragm

THREE NOZZLE

FOUR NOZZLE

FIVE NOZZLE

No.	Pipe Size
SPPQJ363C-3/4-NYB	3/4"
SPPQJ363C-1-NYB	1"

No.	Pipe Size
SPPQJ364C-3/4-NYB	3/4"
SPPQJ364C-1-NYB	1"

No.	Pipe Size
SPPQJ365C-3/4-NYB	3/4"
SPPQJ365C-1-NYB	1"

Purchase caps and gaskets separately

Purchase caps and gaskets separately

Purchase caps and gaskets separately

w/FERTILIZER OUTLET

w/FERTILIZER OUTLET

w/FERTILIZER OUTLET

No.	Description
SPPQJ363F-1-NYB	1" - EPDM Gasket
SPPQJ363F-1-NYB-VI	1" - Viton Gasket

No.	Description
SPPQJ364F-1-NYB	1" - EPDM Gasket
SPPQJ364F-1-NYB-VI	1" - Viton Gasket

No.	Description
SPPQJ365F-1-NYB	1" - EPDM Gasket
-	1" - Viton Gasket



TWIST LOCK DIAPHRAGM CHECK VALVE

- Automatic tip alignment
- Drip free shut off
- Max. 300 PSI
- Nylon construction
- Boom hole 3/8"

QJ17560

No.	Pipe Size
SPPQJ17560A-1/2-NYB	1/2"
SPPQJ17560A-3/4-NYB	3/4"
SPPQJ17560A-1-NYB	1"



THREE NOZZLE HIGH CAPACITY NOZZLE BODY

QJ383

No.	Description
SPPQJ383-3/4-NYB	High capacity 3/4"
SPPQJ383-1-NYB	High capacity 1"
SPPCP98488-VI	11/16" adapter insert



TWIST LOCK TRIPLE JET

- Three nozzle swivel head
- Automatic tip alignment
- Non-drip shut off
- Max. 150 PSI

No.	Pipe Size
SPP24216A-1/2-NYB	1/2"
SPP24216A-3/4-NYB	3/4"
SPP24216A-1-NYB	1"



TWIST LOCK NOZZLE BODY

- Automatic tip alignment
- Max. 300 PSI
- Nylon construction
- 3/8" boom hole

QJ7421

No.	Pipe Size
SPPQJ7421-1/2-NYB	1/2"
SPPQJ7421-3/4-NYB	3/4"
SPPQJ7421-1-NYB	1"



SIDE MOUNT TWIST LOCK DIAPHRAGM CHECK VALVE

- Automatic tip alignment
- Drip free shut off
- Max. 300 PSI
- Nylon construction
- 3/8" boom hole required

QJ22187

No.	Pipe Size
SPPQJ22187-1/2-NYB	1/2"
SPPQJ22187-3/4-NYB	3/4"
SPPQJ22187-1-NYB	1"



QUICK TEEJET PTC BODIES

- Accepts plastic & soft metal tubing
- 100 PSI Max

No.	Description
SPPQJ98592-1/4-10	1/4" 10 PSI CV
SPPQJ98590-3/8-10	3/8" 10 PSI CV

QUICK TEEJET PTC CAPS

- Accepts plastic & soft metal tubing
- 100 PSI Max
- Cap includes gasket



No.	Description
SPPQJ98588-1/4	1/4" Straight Cap
SPPQJ98586-3/8	3/8" Straight Cap
SPPQJ98598-90-1/4	90° 1/4" Quick Cap
SPPQJ98599-90-3/8	90° 3/8" Quick Cap



RAPIDSTOP NOZZLE INLET FOR 1" BODIES

No.	For Nozzles
SPP98583-1-1-SS	5862, 5864, 5871
SPP98583-2-1-SS	5635



QUICK TEEJET NOZZLE BODIES WITH FERTILIZER OUTLET

- Positive shutoff between each position
- Flow: 2.25 GPM (8.5 l/min) with 5 PSI (0.34 bar) drop through turret and 3.4 GPM (12.9 l/min) through fertilizer outlet
- Maximum pressure: 300 PSI (20 bar)
- Available in 1" single or double hose shanks
- Includes ChemSaver diaphragm check valve for drip free shutoff. Standard diaphragm opens at 10 PSI (0.7 bar).
- Standard O-rings and diaphragm made of EPDM and Buna with Viton optional

3 NOZZLE

Part No.	Shank	Seal
SPPQJ363F-1000-1-NYB	Single	EPDM
SPPQJ363F-1000-1-NYB-VI	Single	Viton
SPP75658	Double	EPDM
SPPQJ363F-1000-2-NYB-VI	Double	Viton

4 NOZZLE

Part No.	Shank	Seal
SPPQJ364F-1000-1-NYB	Single	EPDM
SPPQJ364F-1000-1-NYB-VI	Single	Viton
SPPQJ364F-1000-2-NYB	Double	EPDM
SPPQJ364F-1000-2-NYB-VI	Double	Viton

5 NOZZLE

Part No.	Shank	Seal
SPPQJ365F-1000-1-NYB	Single	EPDM
-	Single	Viton
SPPQJ365F-1000-2-NYB	Double	EPDM
SPPQJ365F-1000-2-NYB-VI	Double	Viton



QUICK TEEJET 360 SERIES MULTI-NOZZLE BODIES FOR DRY BOOMS

3 NOZZLE

Part No.	Shank	Size
SPPQJ363C-500-1-NYB	Single	1/2"
SPPQJ363C-750-1-NYB	Single	3/4"
SPPQJ363C-1000-1-NYB	Single	1"
SPPQJ363C-500-2-NYB	Double	1/2"
SPPQJ363C-750-2-NYB	Double	3/4"
SPPQJ363C-1000-2-NYB	Double	1"

4 NOZZLE

Part No.	Shank	Size
SPPQJ364C-500-1-NYB	Single	1/2"
SPPQJ364C-750-1-NYB	Single	3/4"
SPPQJ364C-1000-1-NYB	Single	1"
SPPQJ364C-500-2-NYB	Double	1/2"
SPPQJ364C-750-2-NYB	Double	3/4"
SPPQJ364C-1000-2-NYB	Double	1"

5 NOZZLE

Part No.	Shank	Size
SPPQJ365C-500-1-NYB	Single	1/2"
SPPQJ365C-750-1-NYB	Single	3/4"
SPPQJ365C-1000-1-NYB	Single	1"
SPPQJ365C-500-2-NYB	Double	1/2"
SPPQJ365C-750-2-NYB	Double	3/4"
SPPQJ365C-1000-2-NYB	Double	1"



QJ300 SERIES DIAPHRAGM CHECK VALVE NOZZLE BODIES

- Low-profile design allows maximum protection against damage
- Drip-free shutoff with TeeJet ChemSaver. Opens at 10 PSI. EPDM diaphragm
- Maximum operating pressure of 300 PSI
- Flow rate: 2.25 GPM at 5 PSI pressure drop; 3.18 GPM at 10 PSI pressure drop

No.	Shank	Size
SPP22251-311-375-NYB	Single	3/8"
SPP22251-311-500-NYB	Single	1/2"
SPP22251-311-750-NYB	Single	3/4"
SPP22252-312-375-NYB	Double	3/8"
SPP22252-312-500-NYB	Double	1/2"
SPP22252-312-750-NYB	Double	3/4"



QJ200 SERIES DIAPHRAGM CHECK VALVE NOZZLE BODIES

- Drip-free shutoff with TeeJet ChemSaver. Opens at 10 PSI. EPDM diaphragm
- Maximum operating pressure of 125 PSI
- Flow rate: 2.25 GPM at 5 PSI pressure drop; 3.18 GPM at 10 PSI pressure drop

No.	Shank	Size
SPP19349-211-406-NYB	Single	3/8"
SPP19349-211-540-NYB	Single	1/2"
SPP19349-211-785-NYB	Single	3/4"

No.	Shank	Size
SPP19350-212-406-NYB	Double	3/8"
SPP19350-212-540-NYB	Double	1/2"
SPP19350-212-785-NYB	Double	3/4"

No.	Shank	Size
SPP19351-213-406-NYB	Triple	3/8"
SPP19351-213-540-NYB	Triple	1/2"
SPP19351-213-785-NYB	Triple	3/4"



Q100 SERIES NOZZLE BODIES

- 125 PSI Max.

No.	Shank	Size
SPP18635-111-406-NYB	Single	3/8"
SPP18638-111-540-NYB	Single	1/2"
SPP18719-111-785-NYB	Single	3/4"
SPP18636-112-406-NYB	Double	3/8"
SPP18639-112-540-NYB	Double	1/2"
SPP18720-112-785-NYB	Double	3/4"
SPP18637-113-406-NYB	Triple	3/8"
SPP18640-113-540-NYB	Triple	1/2"
SPP18721-113-785-NYB	Triple	3/4"



TWIST LOCK TRIPLE NOZZLE BODY WITH DIAPHRAGM CHECK VALVE

- 3 nozzle swivel head
- Shut off position
- Automatic tip alignment
- Non drip shut off
- Max. 125 PSI
- Nylon construction

No.	Style	Size
SPP24230A-1-540-NYB	Elbow	1/2"
SPP24230A-1-785-NYB	Elbow	3/4"

No.	Style	Size
SPP24230A-2-540-NYB	Tee	1/2"
SPP24230A-2-785-NYB	Tee	3/4"



DRY BOOM EEZIFIT NOZZLE BODIES

- Self aligns tip
- 1/4 turn on/off twist lock caps
- **Wingnut - Part No. SPP450Q2621**

No.	Style	Size
SPP450Q2635	Elbow	3/8"
SPP450Q2622	Elbow	1/2"
SPP450Q2623	Elbow	3/4"

No.	Style	Size
SPP450Q2636	Tee	3/8"
SPP450Q2624	Tee	1/2"
SPP450Q2625	Tee	3/4"

TWIST LOCK TRIPLE JET



- Three nozzle swivel head
- Shut off position provided
- Automatic tip alignment
- Non drip shut off
- Max. 150 PSI
- 3/8" boom hole required

No.	Mfg. No.	Connection
SPP24231A-NYB	24231A-NYB	1/4" MPT

TWIST LOCK DIAPHRAGM CHECK VALVE



- Automatic tip alignment
- Non drip shut off
- Max. 300 PSI
- Nylon construction

No.	Mfg. No.	Connection
SPPQJ8360-NYB	QJ8360-NYB	1/4" MPT

TWIST LOCK DIAPHRAGM CHECK VALVE SIDE MOUNT



- Automatic tip alignment
- Non drip shut off
- Max. 300 PSI
- Nylon construction

No.	Mfg. No.	Conn.
SPPQJ8355-1/8-NYB	QJ8355-1/8-NYB	1/8" FPT
SPPQJ8355-1/4-NYB	QJ8355-1/4-NYB	1/4" FPT



TWIST LOCK NOZZLE BODY

- Automatic tip alignment
- Max. 300 PSI
- Nylon construction

No.	Mfg. No.	Connection
SPPQJ1/4TT-NYB	QJ1/4TT-NYB	1/4" MPT



TWIST LOCK NOZZLE BODY

- Automatic tip alignment
- Max. 300 PSI
- Nylon construction

No.	Mfg. No.	Connection
SPPQJ1/4T-NYB	QJ1/4T-NYB	1/4" FPT



SJ-7 EXTENSION ADAPTER

No.	Mfg. No.
SPP50854-NYB	50854-NYB



TEEJET DUO ADAPTER

No.	Mfg. No.
SPPQJ90-2-NYR	QJ90-2-NYR

RETROFIT NOZZLE BODIES



TWIST LOCK RETROFIT NOZZLE BODY

- Threads on to standard body
- Automatic tip alignment
- Max. 300 PSI
- Nylon construction

No.	Boom Connection
SPPQJT-NYB	11/16" FNT



TWIST LOCK DIAPHRAGM CHECK VALVE RETROFIT

- Threads to standard body
- Automatic tip alignment
- Non drip shut off
- Max. 300 PSI
- Nylon construction

No.	Boom Connection
SPPQJT8360-NYB	11/16" FNT

TEEJET CHEMSAVER REPLACEMENT PRESSURE CAPS

No.	Mfg. No.	PSI
SPP21950-2-NYB	21950-2-NYB	2 PSI
SPP21950-8-NYB	21950-8-NYB	8 PSI
SPP21950-10-NYB	21950-10-NYB	10 PSI
SPP21950-20-NYB	21950-20-NYB	20 PSI



NOZZLE BODY LOCKNUTS

No.	Type
SPP5823	Nylon
-	Poly



POLY NOZZLE FITTINGS

(Comes with locknut)

Part No.	Size
Elbows	
-	3/8"
SPP3NTL12	1/2"
SPP5822P	5/8"
SPP3NTL34	3/4"
Tees	
SPP3NTT38	3/8"
SPP3-NTT12	1/2"
SPP5819P	5/8"
SPP3NTT34	3/4"
Straight	
SPP5820P	3/8"
SPP5821P	1/2"
Cross	
SPP3T38C	3/8"
SPP3T12C	1/2"
SPP3T34C	3/4"



NYLON NOZZLE FITTINGS

(Comes with locknut)

Part No.	Size
Elbows	
SPP5808	3/8"
SPP5809	1/2"
SPPNTL58	5/8"
SPP5810	3/4"
-	1"
Tees	
SPP5812	3/8"
SPP5813	1/2"
SPP5814	3/4"
Straight	
SPP5820	3/8"
SPP5821	1/2"
Cross	
SPP5816	3/8"
SPP5817	1/2"
SPP5818	3/4"



45° QUICKJET NOZZLE BODY

- Poly construction
- Self aligning tip cap
- Accepts standard twist lock cap, tip & screen
- Max 125 PSI

No.	In	Out
SPP22674-1/4-NYB	1/4" MPT	Twist Lock



45° NOZZLE BODY

- Poly construction
- Accepts standard 11/16" nozzle caps, tips and screens
- Max. 125 PSI

No.	In	Out
SPP22669-1/4-PPB	1/4" MPT	Nozzle Thread
SPPCP22673-PP	11/16"	11/16"

NOZZLE BODIES & ACCESSORIES



TEEJET WET BOOM NOZZLE BODIES

- Mounts on 3/8" hole
- Rated 250 PSI
- Fits tube or pipe size shown
- 11/16" nozzle thread

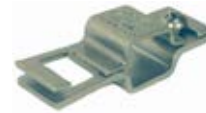
No.	Mfg. No.	Type	Size
SPP7421-3/4T	7421-3/4-T	Brass	3/4"
SPP7421-1T	7421-1-T	Brass	1"
SPP7421-3/4T-NYB	7421-3/4T-NYB	Nylon	3/4"
SPP7421-1T-NYB	7421-1T-NYB	Nylon	1"
-	7421SS-3/4T-SS	SS	3/4"
SPP7421SS-1T-SS	7421SS-1T-SS	SS	1"
SPPPCP7418-BU	Replacement Gasket		



TEEJET NOZZLE BODIES

- For wet booms
- Mounts on 3/8" hole
- Rated 150 PSI
- Nylon construction
- 11/16" Nozzle thread

No.	Pipe Size
SPP25775-1/2T-NYB	1/2"
SPP25775-3/4T-NYB	3/4"
SPP25775-1T-NYB	1"



VARI-SPACING CLAMPS - SQUARE

No.	Size
SPPQJ111SQ-3/4	3/4"
SPPQJ111SQ-1	1"
SPPQJ111SQ-1-1/4	1 1/4"
SPPQJ111SQ-1-1/2	1 1/2"

304 STAINLESS STEEL

No.	Size
SPPQJ111SQ-3/4-304SS	3/4"
SPPQJ111SQ-1-304SS	1"
SPPQJ111SQ-1-1/4-304SS	1 1/4"
SPPQJ111SQ-1-1/2-304SS	1 1/2"



VARI-SPACING CLAMPS - ROUND

No.	Pipe Size	Tube Size
SPPQJ111-1/2	1/2"	7/8"
SPPQJ111-3/4	3/4"	1"
SPPQJ111-1	1"	1 1/4"
SPPQJ111-1-1/4	1 1/4"	1 1/2"



EEZIFIT CLAMPS

No.	Size
Round	
SPP450Q2640	3/4"
SPP450Q2626	1"
Square	
SPP450Q2628	1"
SPP450Q2629	1 1/4"
SPP450Q2630	1 1/2"
SPP450Q2621	Wingnut

EEZIFIT WET BOOM NOZZLE BODIES



FOR TWIST LOCK CAPS
3/8" Boom Hole Size

No.	Description
SPP15AQ2705	Long Body
SPP1723-0142	Seal

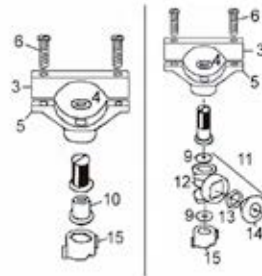
EEZIFIT WET BOOM NOZZLE BODY CLAMPS



For above nozzle bodies.

No.	Description
-	For 1/2" Pipe
SPP15AQ2702	For 3/4" Pipe
SPP15AQ2703	For 1" Pipe
SPP15AQ2713	Screw

RAPIDFIT NOZZLE PARTS



Ref No.	No.	Description
3	-	1" Top Clamp
4	SPP5735	Viton O-Ring
9	SPP14-Q1819	Sealing Gasket
11	SPP13CAB030	Non-drip Module
13	SPP15M-1539	Diaphragm
14	-	Pressure Disc Asmby.
15	SPP15BL1545	Black Cap
15	SPP15MH1545	1/2" Round Hue Cap
15	-	Blanking Cap
15	-	1/4" MPT Cap con.

ROUND NOZZLE CLAMPS



For standard dry boom assembly

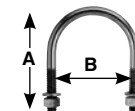
No.	Pipe Size	Tube Size
SPPAA111-1/2	1/2"	7/8"
SPPAA111-3/4	3/4"	1"
SPPAA111-1	1"	1 1/4"

SQUARE NOZZLE CLAMPS



For standard dry boom assembly

No.	Size
SPPBC100	1"
SPPBC114	1 1/4"



STAINLESS STEEL 3/8" "U" BOLT

No.	Mfg. No.	Size A	Size B
SPPUB100	UB100	3/4"	1 1/16"
SPPUB202	UB202	3/4"	2 1/2"

RETROFIT GASKET WASHER

- Allows mounting of standard nozzle bodies requiring a 3/8" nozzle hole to booms predrilled to a larger size
- For use on Great Northern or booms with predrilled 9/16" or 11/16" nozzle hole. See illustrations



*Requires one per nozzle



No.	Description
SPP5738	Retrofit Gasket

TEEJET NOZZLE BODIES



- 11/16" Nozzle Thread

No.	Material	MPT
SPPNB1614	Nylon	1/4"
SPP3NB1614	Poly	1/4"
SPPCP1336	Brass	1/8"
SPPCP1322	Brass	1/4"
SPPCP1324	Brass	3/8"
SPPCP1340	Brass	1/2"
SPPCP1322-SS	Stainless Steel	1/4"

TEEJET NOZZLE BODIES



- 11/16" Nozzle Thread

No.	Material	FPT
SPPCP12094-NYB	Poly	1/4"
SPPCP1335	Brass	1/8"
SPPCP1321	Brass	1/4"
SPPCP1323	Brass	3/8"
SPPCP1339	Brass	1/2"
SPPCP1321-SS	Stainless Steel	1/4"

NOZZLE PLUG VALVE



- Control individual nozzles
- 1/4 turn on/off
- 400 PSI
- Brass/Celcon handle

No.	Connection
SPP23220-1/8FX1/8F	1/8"(F) x 1/8"(F)
SPP23220-1/4FX1/4F	1/4"(F) x 1/4"(F)
SPP23220-1/4MXT	1/4"(M) x 11/16"-16(M)
SPP23220-1/4FXT	1/4"(F) x 11/16"-16(M)
SPP23220-1/4MX1/4F	1/4"(M) x 1/4"(F)
SPP23220-1/4FX1/4M	1/4"(F) x 1/4"(M)

NOZZLE ADAPTERS



- 11/16" Nozzle Thread.

No.	Material	FPT
SPP4676-1/8	Brass	1/8"
SPP4676-SS-1/8	Stainless Steel	1/8"
SPPNF1614	Nylon	1/4"
SPP4676-1/4	Brass	1/4"
SPP4676-SS-1/4	Stainless Steel	1/4"
SPP4676-3/8	Brass	3/8"
SPP4676-1/2	Brass	1/2"

NOZZLE HOSE BARB ADAPTERS



Fits nozzle caps with 1/2" round hole.

No.	Material	HB
SPP5802	Nylon	1/4"
SPP5802P	Poly	1/4"
SPP4251-250	Brass	1/4"
SPP4251-250-SS	Stainless Steel	1/4"
SPPK8438	Nylon	3/8"
SPP3K8438	Poly	3/8"
SPP4251-375	Brass	3/8"
SPP4251-375-SS	Stainless Steel	3/8"
SPP5804	Nylon	1/2"
SPP3K8412	Poly	1/2"
SPP4251-500-SS	Stainless Steel	1/2"

TEEJET NOZZLE ADAPTERS

Replaces spray tip to attach drop pipes or extensions.



No.	Outlet	Material
SPPCP4928	1/8" FPT	Brass
SPPCP4928-SS	1/8" FPT	Stainless Steel
SPP6406	1/8" MPT	Brass

NOZZLE CAPS

- 11/16" Nozzle thread



No.	Material
SPP8027	Nylon
SPP3-8027	Poly
SPPCP1325	Brass
SPPCP20230	Brass Ex. Long
SPPCP1325-SS	Stainless Steel
SPPCP18032A-NYB	Winged Cap Nylon

TEEJET ROLLOVER NOZZLE BODIES



- Excellent for airblast sprayers
- Positive shutoff at 90° from on position.
- Max. 500 PSI
- Brass construction



No.	Mfg. No.	Inlet
SPP23830	23830	11-16"-16
SPP23830-1/4M	23830-1/4M	1/4" MPT

No.	Mfg. No.	Inlet
SPP23831	23831	11-16"-16
SPP23831-1/4M	23831-1/4M	1/4" MPT
SPP23831-1/4F	23831-1/4F	1/4" FPT

TIP PLUGS



No.	Description
SPPCP3942-SS	Stainless Steel
SPPCP3942	Brass

GREAT NORTHERN



No.	Description
SPP5832	Saddle Washer

PLUG CAPS



- Plug caps are used to temporarily shut off selected nozzles
- 11/16" nozzle thread

No.	Description
SPP3942	Nylon Plug Cap

CHEMSAVER DIAPHRAGM CHECK VALVE NOZZLE BODY

- Eliminates pressure drop associated with ball type check valves
- Spring-backed diaphragm ensures dependable closure
- Max. 125 PSI

11/16" MALE THREAD OUTLET

TYPE 8355 CHEMSAVER



- Nylon and polypropylene construction
- Opens at 10 PSI Pressure
- For Flow Rates to 2½ GPM
- Overall Length 2¾"
- Available in 1/8" and 1/4" FPT Connection
- 11/16" Nozzle Thread

No.	FPT	Material
SPP8355-1/8-NYB	1/8"	Nylon / Poly
SPP8355-1/4-NYB	1/4"	Nylon / Poly

TYPE 8360 CHEMSAVER



- Nylon and polypropylene construction
- Opens at 10 PSI pressure
- For flow rates to 2 GPM
- Overall length 2"
- 11/16" Nozzle Thread

No.	MPT
SPP8360-NYB	1/4"

TYPE 4664B CHEMSAVER



- Available in brass or aluminum
- Stainless steel valve and seat
- Opens at 7 PSI pressure.
- For flow rates to 1½ GPM
- Overall length 2¾"
- Weight: Brass 3oz; Aluminum 1 oz.
- 11/16" Nozzle thread x 1/8" FPT Connection

No.	Material
SPP4664B	Brass

TYPE 6135A CHEMSAVER



- Stainless Steel valve and seat
- Opens at 7 PSI pressure
- For flow rates to 4 GPM
- Overall length 2¾"
- 11/16" Nozzle thread
- Available in 1/4" and 3/8" FPT Connection

No.	FPT	Material
SPP6135A-3/8	3/8"	Brass

PIPE THREAD OUTLET



TYPE 4666B CHEMSAVER

- Brass construction
- Opens at 7 PSI pressure
- For flow rates to 1½ GPM
- Overall length 1-5/16"
- 1/8" FPT Inlet and Outlet

No.	Description
SPP4666B	Brass

CHEMSAVER REPLACEMENT PARTS



NO. 4620 DIAPHRAGM
For brass or aluminum bodies

No.	Material
SPPCP4620-FA	4620-Fairprene
SPPCP4620-VI	4620-Viton



NO. 21953 DIAPHRAGM
For nylon bodies

No.	Material
SPPCP21953-EPR	21953-EPDM
SPPCP21953-VI	21953-VITON



TYPE 12328-NYB CHEMSAVER

- Nylon with celcon bonnet
- Opens at 7 PSI
- Choice of 1/2" & 3/4" Ports
- Overall length 3"

No.	Inlet x Outlet	GPM
SPP12328-1/2-NYB	1/2" MPTx1/2" FPT	10
SPP12328-3/4-NYB	3/4" MPTx3/4" FPT	15



TEFLON DIAPHRAGM

To be used with #4620 or 21953 Diaphragms

No.	Description
SPPCP6227-TEF	6227-Teflon



NO. 21950-NYB END CAP

- Opens at 10 PSI
- 2-8-10-20 PSI

No.	Description
SPP21950-10-NYB	21950-NYB



TYPE 12328-NYB REPAIR DIAPHRAGMS

No.	Mfg. No.	Material
SPPCP12335-FA	12335-FA	Fairprene Std.
SPPCP12335-VI	12335-VI	Viton Opt.



NO. 4624 RETAINER

No.	Material
SPPCP4624-ALEF	4624-Aluminum
SPPCP4624	4624-Brass



NO. 9758 END CAP SUBASSEMBLY

No.	Material
SPP9758	9758-Brass



BRASS SINGLE SWIVEL COMPACT NOZZLE BODY

- 360° Adjustable
- Accepts standard 11/16" caps, tip and screen
- Max. 125 PSI

No.	In	Out
SPP7620-T	1/4" FPT	Nozzle Thread



BRASS DOUBLE SWIVEL COMPACT NOZZLE BODY

- 360° Adjustable
- Accepts standard 11/16" caps, tip and screen
- Max. 125 PSI

No.	In	Out
SPP7450-2T	1/4" FPT	Nozzle Thread



BRASS DOUBLE SWIVEL HOSE DROP NOZZLE BODY

- 360° Adjustable
- 1/4" FPT hose drop connection
- Accepts standard 11/16" cap, tip and screen
- Max. 125 PSI

No.	In	Out	Drop
SPP7450-2T	1/4" FPT	Nozzle Thread	1/4"



BRASS SINGLE SWIVEL NOZZLE BODY

- 280° Adjustable
- Accepts standard 11/16" caps, tips and screens
- Max. 125 PSI

No.	In	Out
SPP90.900.003	1/4" FPT	Nozzle Thread
SPP5540-1/4-TT	1/4" MPT	Nozzle Thread



BRASS DOUBLE SWIVEL NOZZLE BODY

- 280° Adjustable
- Accepts standard 11/16" caps, tips and screens
- Max. 125 PSI

No.	In	Out
SPP90.900.004	1/4" FPT	Nozzle Thread
SPP6240-1/4TT	1/4" MPT	Nozzle Thread



QUICK TEEJET DOUBLE SWIVEL NOZZLE BODY

- 360° Adjustable
- Self-aligning tip cap
- Nylon construction
- Accepts standard twist lock cap, tip & screen
- Max. 125 PSI

No.	In	Out
SPPQJ8600-2-1/4-NYB	1/4" FPT	Twist Lock



SINGLE SWIVEL NOZZLE BODY

- 360° Adjustable
- Accepts standard 11/16" caps, tips and screens
- Nylon construction
- Max. 125 PSI

No.	In	Out
SPP8600-1/4T-NYB	1/4" FPT	Nozzle Thread



QUICK TEEJET SINGLE SWIVEL NOZZLE BODY

- 360° Adjustable
- Self-aligning tip cap
- Accepts standard twist lock cap, tip & screen
- Nylon construction
- Max. 125 PSI

No.	In	Out
SPPQJ8600-1/4-NYB	1/4" FPT	Twist Lock



DOUBLE SWIVEL NOZZLE BODY

- 360° Adjustable
- Accepts 11/16" caps, tips and screens
- Nylon construction
- Max. 125 PSI

No.	In	Out
SPP8600-2-1/4T-NYB	1/4" FPT	Nozzle Thread



HYPRO WET BOOM NOZZLE BODY

- Nylon Body
- Max 150 PSI
- Anti-drip valve: red 8 PSI yellow 3 PSI
- Positive shut-off between each spray position
- Allows for 3 spray tips
- Fast and easy assembly to boom

No.	Mfg. No.	Pipe Size	Valve
SPP4222N-B323	4012255	3/4"	Red
SPP5800-1	4012265	1"	Red
Replacement Parts			
SPP4200-0004E	005860.036	Diaphragm EPDM	
SPP4200-0004V	005865.036	Diaphragm Viton	
SPP4200-0020	005860.130	Red 8 lb. Check Valve	
SPP2002030	200030	Retainer Nut	



HYPRO 5 OUTLET PROFLO NOZZLE BODY

- Provides lowest pressure drop at any given flow in the industry
- Available in wet or dry boom versions
- Positive shut off between each spray position

No.	Mfg. No.	Pipe Size	Valve
SPP73668	4223N-B524-00	1"	Red (8 PSI)

Easy-to-Handle Spray Tip Cleaning

SR, MR, DR & UR Series

To clean stainless tip
Pull strainer (with pre-orifice) up and out

To clean plastic pre-orifice
Push strainer sideways to release from pre-orifice

ER Series
Push strainer sideways to remove

To use/replace strainer
Push strainer down to snap in strainer

40% Longer Strainers that snap into place

Easier Handling with snap-in design

Fits all nozzle bodies
[with adapters where appl.]

Easy to read cap label
(MR110-06 = MR Series, 110" tip, 0.6 USGPM flow rate)

Cap Color matches ISO flow rates

Permanent Stainless Steel Tip

The Best Tips for Pulse Width Modulation Systems
(e.g. Capstan Sharpshooter®/Pinpoint II®, Case AIMCommand®, Raven Hawkeye®, and more)

! All COMBO-JET® spray tips within the same flow rate/size are completely interchangeable to change levels of coverage without changing anything else. Even the coarser drift reduction spray tips share the same spray pattern angles to ensure there is consistent spray patterns for even coverage.

Comparison Criteria	ER Series Extended Range	SR Series Small Reduction	MR Series Mid-Range Reduction	DR Series Drift Reduction	UR Series Drift Reduction
Tip-Cap Design	Conventional Flat Fan	Pre-orifice Drift Reduction	Pre-orifice Drift Reduction	Pre-orifice Drift Reduction	Dual Chamber Drift Red.
Droplet Size ¹ @40PSI	Smallest (246µ VMD ¹)	Medium (371µ VMD ¹)	Large (474µ VMD ¹)	Very Large (529µ VMD ¹)	Ultra Coarse
% <141µ ²	20% of volume < 141µ	8% of volume < 141µ	4% of volume < 141µ	2% of volume < 141µ	UR spray tips are specialty spray tips, designed for certain chemical applications that require exceptional drift reduction.
% <600µ ³	94% of volume < 600µ	89% of volume < 600µ	74% of volume < 600µ	64% of volume < 600µ	They are not to be replaced with other spray tip series that are not approved to be on the chemical label. Always follow up-to-date label information.
Drift Potential	Most likely to drift	Lower drift potential	Major reduction	Least likely to drift	Refer to chemical application label for maximum pressures, speeds and application information.
Coverage	Best	Excellent	Very good	Good	More information available at www.wilger.net

¹Based on an XX110-06 nozzle @ 40 psi (2.75 BAR)

²Droplets smaller than 141µ are more likely to drift. 141µ is used as a standard for determining driftable fines.

³Droplets smaller than 600µ provide better coverage. Droplets > 600µ consume more spray volume, reducing overall coverage.

COMBO-JET FERTILIZER STREAMER CAPS & STRAINERS

TWO-HOLE CAP

No.	Description
SPP40432-047	2 Hole @ 0.0469
SPP40432-086	2 Hole @ 0.086
SPP40432-104	2 Hole @ 0.104

THREE-HOLE CAP

No.	Description
SPP40433-047	3 Hole @ 0.0469
SPP40433-067	3 Hole @ 0.067
SPP40433-086	3 Hole @ 0.086
SPP40433-104	3 Hole @ 0.104

SLOTTED STRAINERS

No.	Description
SPP40247-00	16 Mesh
SPP40248-00	25 Mesh
SPP40249-00	50 Mesh



O-RING SEAL

No.	Description
SPP77163	Viton
SPP40260-00	Buna-N



RADIALOCK PRE-ORIFICES

No.	Mfg. No.
SPP40285-01	40285-01
SPP40285-015	40285-015
SPP40285-02	40285-02
SPP40285-025	40285-025
SPP40285-03	40285-03
SPP40285-04	40285-04
SPP40285-05	40285-05
SPP40285-06	40285-06

NOTE: The below chart is just some of the information available for each spray tip. For the full listing of application pressures, speeds and droplet size, refer to Tip Wizard or the Combo-Jet® Tip-Cap Brochure.

Tip Cap Size	Flow Rate USGPM	PSI	Application Rate - US Gallons/Acre @ 20"								Spray Classification, VMD (in µ); % <141µ (% Drift. Fines); %<600µ (% of small droplets)												Tip-Cap, Part # & I					
			Sprayer Speed - Miles/Hour								ER 80° Series				SR 80° Series				MR 80° Series				DR 80° Series				Part No.	Mfg. No.
			5	7.5	10	12.5	15	17.5	20	Cat	VMD	<141	<600	Cat	VMD	<141	<600	Cat	VMD	<141	<600	Cat	VMD	<141	<600			
005	0.09	30	5.1	3.4	2.6					F	156	41%	100%	-	-	-	M	236	17%	100%	C	278	11%	100%	ER80-005	40270-005		
	0.10	40	5.9	4.0	3.0					F	137	55%	100%	-	-	-	F	201	26%	100%	M	230	19%	100%	-	-		
	0.11	50	6.6	4.4	3.3					F	128	63%	100%	-	-	-	F	178	33%	100%	F	200	25%	100%	MR80-005	40290-005		
	0.12	60	7.3	4.8	3.6					F	121	68%	100%	-	-	-	F	161	39%	100%	F	178	31%	100%	DR80-005	40260-005		
0067	0.13	30	7.7	5.1	3.9					F	180	35%	100%	-	-	-	F	211	24%	100%	C	308	9%	100%	ER80-0067	40270-007		
	0.06	40	8.9	5.9	4.5					F	153	45%	100%	-	-	-	F	182	33%	100%	M	267	13%	100%	-	-		
	0.17	50	10.0	6.6	5.0					F	141	52%	100%	-	-	-	F	162	40%	100%	M	239	17%	100%	MR80-0067	40290-007		
	0.18	60	10.9	7.3	5.5					F	131	58%	100%	-	-	-	F	148	46%	100%	M	218	20%	100%	DR80-0067	40260-007		
01	0.09	30	5.1	3.4	2.6	2.1	1.7	1.5	1.3	F	156	41%	100%	M	233	21%	97%	M	218	23%	97%	C	312	10%	94%	ER80-01	40270-01	
	0.10	40	5.9	4.0	3.0	2.4	2.0	1.7	1.5	F	143	49%	100%	F	199	29%	97%	F	191	30%	97%	C	274	14%	96%	SR80-01	40288-01	
	0.11	50	6.6	4.4	3.3	2.7	2.2	1.9	1.7	F	134	56%	100%	F	176	36%	98%	F	173	36%	97%	M	248	17%	96%	MR80-01	40290-01	
	0.12	60	7.3	4.8	3.6	2.9	2.4	2.1	1.8	F	128	62%	100%	F	159	41%	98%	F	159	40%	97%	M	229	19%	99%	DR80-01	40280-01	
015	0.13	30	7.7	5.1	3.9	3.1	2.6	2.2	1.9	F	180	29%	100%	M	262	16%	95%	C	323	10%	94%	VC	418	4%	87%	ER80-015	40270-015	
	0.15	40	8.9	5.9	4.5	3.6	3.0	2.5	2.2	F	167	34%	100%	M	230	22%	96%	C	283	14%	96%	C	380	6%	90%	SR80-015	40288-015	
	0.17	50	10.0	6.6	5.0	4.0	3.3	2.8	2.5	F	158	39%	100%	F	207	26%	97%	M	256	17%	97%	C	353	7%	92%	MR80-015	40290-015	
	0.18	60	10.9	7.3	5.5	4.4	3.6	3.1	2.7	F	151	42%	100%	F	191	30%	97%	M	236	20%	98%	C	332	8%	94%	DR80-015	40280-015	
02	0.17	30	10.3	6.9	5.1	4.1	3.4	2.9	2.6	F	170	34%	100%	M	257	16%	95%	C	326	8%	94%	XC	454	3%	80%	ER80-02	40270-02	
	0.20	40	11.9	7.9	5.9	4.8	4.0	3.4	3.0	F	161	38%	100%	M	233	20%	96%	C	298	11%	94%	VC	419	4%	84%	SR80-02	40288-02	
	0.22	50	13.3	8.9	6.6	5.3	4.4	3.8	3.3	F	155	42%	100%	M	216	24%	97%	C	277	14%	95%	VC	394	5%	87%	MR80-02	40290-02	
	0.24	60	14.5	9.7	7.3	5.8	4.8	4.2	3.6	F	150	45%	100%	F	203	27%	98%	M	262	16%	95%	C	375	6%	88%	DR80-02	40280-02	
025	0.22	30	12.9	8.6	6.4	5.1	4.3	3.7	3.2	F	209	23%	100%	C	296	11%	93%	VC	425	5%	81%	XC	460	3%	77%	ER80-025	40270-025	
	0.25	40	14.9	9.9	7.4	5.9	5.0	4.2	3.7	F	194	28%	100%	M	268	15%	94%	C	382	6%	85%	VC	430	4%	81%	SR80-025	40288-025	
	0.28	50	16.6	11.1	8.3	6.6	5.5	4.7	4.2	F	182	31%	100%	M	248	18%	95%	C	353	8%	87%	VC	408	5%	83%	MR80-025	40290-025	
	0.31	60	18.2	12.1	9.1	7.3	6.1	5.2	4.5	F	174	34%	100%	M	233	20%	96%	C	330	9%	89%	C	391	6%	85%	DR80-025	40280-025	
03	0.26	30	15.4	10.3	7.7	6.2	5.1	4.4	3.9	F	228	23%	99%	C	344	9%	89%	VC	432	5%	81%	XC	481	3%	72%	ER80-03	40270-03	
	0.30	40	17.8	11.9	8.9	7.1	5.9	5.1	4.5	F	215	26%	99%	C	309	12%	91%	C	390	7%	85%	VC	447	4%	77%	SR80-03	40288-03	
	0.34	50	19.9	13.3	10.0	8.0	6.6	5.7	5.0	F	205	29%	99%	C	285	15%	92%	C	360	8%	88%	VC	422	5%	80%	MR80-03	40290-03	
	0.37	60	21.8	14.5	10.9	8.7	7.3	6.2	5.5	F	197	32%	99%	M	266	17%	93%	C	337	9%	89%	C	403	6%	83%	DR80-03	40280-03	
04	0.35	30	20.8	14.3	10.3	8.2	6.9	5.9	5.1	M	230	21%	99%	C	344	7%	87%	VC	420	5%	80%	XC	543	2%	62%	ER80-04	40270-04	
	0.40	40	23.8	15.8	11.9	9.5	7.9	6.8	5.9	M	216	24%	99%	C	310	10%	89%	C	385	7%	84%	XC	507	3%	68%	SR80-04	40288-04	
	0.45	50	26.6	17.7	13.3	10.6	8.9	7.6	6.6	F	206	26%	99%	C	286	12%	91%	C	360	9%	86%	XC	480	4%	72%	MR80-04	40290-04	
	0.49	60	29.1	19.4	14.5	11.6	9.7	8.3	7.3	F	198	28%	99%	M	267	14%	92%	C	341	10%	88%	XC	460	4%	75%	DR80-04	40280-04	
05	0.43	30	25.7	17.1	12.9	10.3	8.6	7.3	6.4	M	247	16%	95%	C	381	7%	83%	XC	504	3%	68%	XC	574	2%	56%	ER80-05	40270-05	
	0.50	40	29.7	19.8	14.9	11.9	9.9	8.5	7.4	M	248	20%	95%	C	342	10%	86%	VC	466	4%	73%	XC	538	2%	62%	SR80-05	40288-05	
	0.56	50	33.2	22.1	16.6	13.3	11.1	9.5	8.3	M	235	22%	95%	C	314	12%	87%	VC	438	5%	77%	XC	512	3%	67%	MR80-05	40290-05	
	0.61	60	36.4	24.2	18.2	14.5	12.1	10.4	9.1	M	224	25%	95%	C	293	14%	89%	VC	417	6%	79%	XC	492	3%	70%	DR80-05	40280-05	
06	0.52	30	30.9	20.6	15.4	12.3	10.3	8.8	7.7	C	296	17%	91%	VC	420	5%	81%	XC	526	2%	64%	XC	596	1%	51%	ER80-06	40270-06	
	0.60	40	35.6	23.8	17.8	14.3	11.9	10.2	8.9	C	279	20%	91%	C	390	7%	84%	XC	492	3%	70%	XC	564	2%	57%	SR80-06	40288-06	
	0.67	50	39.8	26.6	19.9	15.9	13.3	11.4	10.0	C	267	22%	90%	C	368	8%	86%	VC	468	4%	73%	XC	540	2%	61%	MR80-06	40290-06	
	0.73	60	43.6	29.1	21.8	17.5	14.5	12.5	10.9	M	257	24%	90%	C	351	9%	88%	VC	448	5%	76%	XC	521	3%	64%	DR80-06	40280-06	
08	0.69	30	41.2	27.4	20.6	16.5	13.7	11.8	10.3	F	317	17%	90%	C	490	8%	59%	VC	540	6%	63%	XC	619	3%	52%	ER80-08	40270-08	
	0.80	40	47.5	31.7	23.8	19.0	15.8	13.6	11.9	F	286	21%	93%	C	449	9%	66%	UC	500	8%	69%	UC	585	4%	58%	SR80-08	40288-08	
	0.89	50	53.1	35.4	26.6	21.3	17.7	15.2	13.3	F	264	23%	94%	C	417	10%	71%	XC	470	9%	73%	UC	559	5%	62%	MR80-08	40290-08	
	0.98	60	58.2	38.8	29.1	23.3	19.4	16.6	14.5	F	247	26%	95%	M	390	11%	74%	XC	448	10%	76%	UC	539	5%	65%	DR80-08	40280-08	
10	0.87	30	51.4	34.3	25.7	20.6	17.1	14.7	12.9	M	405	12%	82%	C	512	7%	55%	UC	546	5%	62%	UC	611	4%	52%	ER80-10	40270-10	
	1.00	40	59.4	39.6	29.7	23.8	19.8	17.0	14.9	M	371	14%	84%	C	472	8%	63%	UC	513	6%	67%	UC	582	5%	57%	SR80-10	40288-10	
	1.12	50	66.4	44.3	33.2	26.6	22.1	19.0	16.6	F	346	16%	86%	C	441	9%	67%	UC	489	7%	70%	UC	561	6%	60%	MR80-10	40290-10	
	1.22	60	72.7	48.5	36.4	29.1	24.2	20.8	18.2	F	328	18%	87%	C	415	10%	71%	XC	470	8%	72%	XC	544	6%	63%	DR80-10	40280-10	
125	1.08	30	64.3	42.9	32.2	25.7	21.4	18.4	16.1	M	413	11%	81%	C	509	7%	55%	UC	585	5%	56%	UC	624	4%	50%	ER80		

No.	Mfg. No.	Description
SPP40200-00	40200-00	Sq Lug to ComboJ
SPP40202-00	40202-00	Hardi to ComboJ
SPP40203-00	40203-00	ComboJ to Sq Lug
SPP40204-00	40204-00	Sq Lug to ComboJ

40204-00
SQ LUG
TO CJ
-TWISTLOCK



40200-00
SQ LUG
TO CJ
-SNAP-



40203-00
CJ TO
SQ LUG
-TURN-



40202-00
HARDI
TO CJ
-SNAP-



• Required when using standard tips such as Teejet with Radialock Combo-Jet Nozzle Bodies

• Use with Radialock seal, Part No. SPP40260-00

Radialock Caps	For Use with Spray Tips		No.	Mfg. No.
		Standard / Teejet Flat Spray Tips (Smaller Capacities)		SPP40269-01
Universal Slot	Standard -0067 Thru -08	XR -01 Thru -08	SPP40269-02	40269-02
	DG -015 Thru -05	TT -01 Thru -08	SPP40269-03	40269-03
Universal Round	Kematal Flat Spray Tips No. NS-110-PF		SPP40269-04	40269-04
	Standard / Teejet Flat Spray Tips (Larger Capacities)		SPP40269-05	40269-05
	Standard -10 Thru -20	XR -10 Thru -15	SPP40271-01	40271-01
	TK-VS FloodJet VisiFlo Spray Tip	Turbo FloodJet VisiFlo Spray Tip	SPP40271-02	40271-02
	TK FloodJet® FL FullJet® TX/TXA ConeJet® TG Full Cone		SPP40271-03	40271-03
Widerslot	* Cannot be used with TeeJet TXB ConeJet tips.		SPP40271-04	40271-04
	D-Disc Core	Ceramic Disc-Core	SPP40271-05	40271-05
	*** Use seal for Disc-Core sprays. Insert core into seal No. SPP40260-00 or No. SPP40260-01		SPP40276-01	40276-01
	TF-VP Turbo FloodJet	SJ3 StreamJet	SPP40276-02	40276-02
	TJ TwinJet No. TJ60 Spray Tip	AI TeeJet No. AI Spray Tip	SPP40276-03	40276-03
		SPP40276-04	40276-04	
		SPP40276-05	40276-05	



RADIALOCK CAP PLUG

No.	Mfg. No.	Color
SPP40472-01	40272-01	Red
SPP40272-02	40272-02	White
SPP40272-03	40272-03	Green
SPP40272-04	40272-04	Yellow
SPP40272-05	40272-05	Black



RADIALOCK 45° CAP
1/4" FPT

Part No. SPP40276-01



3/8" PUSH-IN FITTING

Part No. SPP40436-05



RADIALOCK HOSE BARB CAP

No.	Mfg. No.	Size
SPP40422-05	40422-05	1/4"
SPP40424-05	40424-05	3/8"



3/8" HB NOZZLE CAP

No.	Mfg. No.	Color
SPP40165-02	40165-02	White
SPP40165-01	40165-01	Red
SPP40165-03	40165-03	Green
SPP40165-04	40165-04	Yellow



RADIALOCK NOZZLE SCREEN & SEAL

• Snaps into cap for a positive seal

No.	Mfg. No.	Mesh
SPP40250-00	40250.00	50
SPP40251-00	40251.00	100
Radialock Seal		
SPP40260-00	40260.00	-
SPP77163	40260-V0	-



SQUARE LUG CAPS

No.	Mfg. No.	Color
SPP40159-01	40159-01	Red
SPP40159-02	40159-02	White
SPP40159-03	40159-03	Green
SPP40159-04	40159-04	Yellow



COMBO-JET TWIN CAP

Two nozzles at a 30° spray angle for optimum penetration and coverage.

Part No. SPP40440-00

NOZZLE BODIES & ACCESSORIES



COMBO-RATE SIDE-FED INLET SADDLES

Boom	Inlet	Part No. Each
3/4"	3/8"	SPP41203-00
1"	3/8"	SPP41200-00
1"	9/16"	SPP41201-00



COMBO-RATE II BOTTOM-FED OR TOP-FED SADDLES

Boom	Inlet	Stacking Direction	Part No.	
			Standard	Bolt Mount
1/2"	3/8"	One-way	-	-
		Two-way	-	-
1"	3/8"	One-way	SPP41375-00	SPP41475-00
		Two-way	-	SPP41476-00
	9/16"	One-way	-	-
		Two-way	-	-



COMBO-RATE II STACKING NOZZLE BODIES

Boom	Inlet	Stacking Direction	Part No.			
			Dia. Check Valve	Manual On/Off	Air-Off Operated	PWM (w/o nut)
1/2"	3/8"	One-way	-	-	-	-
		Two-way	-	-	-	-
3/4"	3/8"	One-way	-	-	-	-
		Two-way	-	-	-	-
1"	3/8"	One-way	-	SPP41333-00	-	-
		Two-way	-	SPP41334-00	-	-
		One-way Kwikstop	-	-	-	-
	9/16"	Two-way Kwikstop	-	-	-	-
		One-way	-	SPP41343-00	-	-
		Two-way	-	-	-	-

Manual ON/OFF Diaphragm Check Valve Explained



Since Combo-Rate® nozzle bodies can stack, a manual On/Off check valve option is available, so you can spray with any configuration of stacked spray tips.

When the knob is OPEN, it acts as a standard 10 PSI check valve.

When the knob is CLOSED, it turns off flow to that nozzle outlet ONLY. It does not affect other stacked nozzle bodies.



COMBO-RATE STACKING THRU/END NOZZLE BODIES

Assembly	Part No.			
	Dia. Check Valve	Manual On/Off	Air-Off Operated	PWM (w/o nut)
Thru Body	SPP41100-00	SPP41110-00	-	SPP41135-00
End Body	SPP41101-00	SPP41111-00	SPP41126-00	SPP41136-00



** PWM bodies/turrets do not include a body nut. Control module or solenoid must be used.

COMBO-RATE STANDARD (FRONT MOUNT) TURRETS

Model	Part No.			
	Dia. Check Valve	Manual On/Off	Air-Off Operated	PWM (w/o nut)
3 Outlet Body	SPP41503-00	SPP41513-00	-	SPP41533-00
4 Outlet Body	SPP41504-00	SPP41514-00	-	SPP41534-00
5 Outlet Body	SPP41505-00	SPP41515-00	-	SPP41535-00
3+2 Outlet Body	-	-	SPP41545-32	SPP41535-32



COMBO-RATE SIDE TAKE-OFF TURRETS

Model	Part No.			
	Dia. Check Valve	Manual On/Off	Air-Off Operated	PWM (w/o nut)
3 Outlet Body	SPP41603-00	SPP41613-00	SPP41643-00	SPP41633-00
4 Outlet Body	SPP41604-00	SPP41614-00	SPP41644-00	SPP41634-00
5 Outlet Body	SPP41605-00	SPP41615-00	SPP41645-00	SPP41635-00
3+2 Outlet Body	SPP41605-32	SPP41615-32	SPP41645-32	SPP41635-32



COMBO-CLIP MOUNT ACCESSORIES



Part No. SPP41635-32



Part No. SPP41251-00



Part No. SPP41285-00



INTER-BODY STRAINER



MPT ADAPTER



FPT ADAPTER



MPT X 1/4\"/>

No.	Mesh
SPP41150-00	50
SPP41152-00	80
SPP41151-00	100

No.	Size
SPP41252-00	1/4"
SPP41253-00	3/8"

No.	Size
SPP41255-00	1/4"
SPP41266-00	3/8"

No.	Size
SPP41275-00	1/4"
SPP41276-00	3/8"

COMBO-RATE / CAPSTAN ADAPTER NUT
Part No. SPP74839



PLATED CLAMPS FOR 5/8\"/>

No.	Style	Size
SPP40320-00	Standard	1/2"
SPP40321-00	Standard	3/4"
SPP40322-00	Standard	1"
SPP40325-00	Square	3/4"
SPP40326-00	Square	1"
SPP40327-00	Square	1 1/4"
SPP40328-00	Square	1 1/2"
SPP40330-00	Square	2"

Available in stainless steel



HIGH REACH BOOM CLAMPS FOR 5/8\"/>

No.	Description
Plated	
SPP40341-00	3/4" to 1 1/4" Sq. & Round Tube
SPP40342-00	1 1/2" to 2" Sq. & Round Tube
-	Extra High 3/4" Round Tube
Stainless Steel	
-	3/4" to 1 1/4" Sq. & Round Tube
-	1 1/2" to 2" Sq. & Round Tube



PLATED HIGH REACH BOOM CLAMPS FOR 3/4\"/>

No.	Description
SPP41261-00	1" Square Tube
SPP41262-00	1 1/4" Square Tube

Available in stainless steel

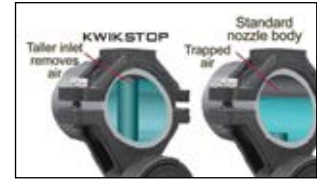
MISC. COMPONENTS

No.	Description
SPP40155-07	Fairprene Diaphragm
SPP40155-12	Viton Diaphragm
SPP41130-00	Thru Body relief valve
SPP41131-00	End Body relief valve
SPP41100-02	Body nut
SPP41100-03	Diaphragm module
SPP41100-02	Shut-off module
SPP41125-01	Air-off module
SPP40200-02	Buna-N O-ring

No.	Description
-	1 1/2" Square Tube
-	2" Square Tube



- Bodies rotate in one direction and lock in place to prevent accidental rotation
- Nozzle shut-off positions between each flow position
- Uses Combo-Jet all-in-one Tip-Cap
- Separate o-ring seal for each position prevents seizing from excess dust build-up
- 10 PSI diaphragm check valve standard
- 125 PSI max



COMBO-JET - FITS RADIALOCK WILGER TIP/CAPS

3/4" STANDARD BODIES

No.	Mfg. No.	Outlet
SPP40611-00	40611-00	Single
SPP40516-00	40516-00	Double
SPP40526-00	40526-00	Triple

1" STANDARD BODIES

No.	Mfg. No.	Outlet
SPP40511-00	40511-00	Single
SPP40621	40621-00	Single
SPP40527-00	40527-00	Triple

1" KWIK-STOP BODIES

No.	Mfg. No.	Outlet
-	40512-00	Single
-	40518-00	Double
-	40528-00	Triple

CONVENTIONAL / SQUARE LUG - FITS CONVENTIONAL SPRAY TIP/CAPS

3/4" STANDARD BODIES

No.	Mfg. No.	Outlet
SPP40193-00	40193-00	Single
SPP40195-00	40195-00	Double
SPP40197-00	40197-00	Triple
Without Diaphragm Check Valve		
-	40140-00	Single

1" STANDARD BODIES

No.	Mfg. No.	Outlet
SPP40194-00	40194-00	Single
SPP40196-00	40196-00	Double
SPP40198-00	40167-00	Triple
SPP40663-00	40663-00	Double
Without Diaphragm Check Valve		
SPP40198-00	40198-00	Single

1" KWIK-STOP BODIES

No.	Mfg. No.	Outlet
-	40214-00	Single
-	40216-00	Double
-	40218-00	Triple

Combo-Jet Adapter (Radialock to Combo-Jet Cap)

No.	Description
SPP40470-00	Dual body adapter
SPP40471-00	Triple body adapter



COMBO-JET® Outlets
Adapts a Combo-Jet outlet to 2 or 3 Combo-Jet outlets



Square Lug Outlets
Adapts a Combo-Jet outlet to 2 or 3 Square Lug outlets



Square Lug Adapter (Radialock to SQ. Lug Cap)

No.	Description
-	Dual body adapter
SPP40473-00	Triple body adapter

Misc. Components

- SPP40155-07 - EPDM diaphragm
- SPP40155-12 - Viton diaphragm
- SPP40155-21 - Module

COMBO-JET DRY BOOM NOZZLE BODIES



SINGLE NOZZLE

No.	Shank	Size
SPP5872L	Single	1/2"
SPP5873L	Single	3/4"
SPP5872	Double	1/2"
SPP5873	Double	3/4"



DOUBLE NOZZLE

No.	Shank	Size
SPP5875L	Single	1/2"
SPP5876L	Single	3/4"
SPP5875	Double	1/2"
SPP5876	Double	3/4"



TRIPLE NOZZLE

No.	Shank	Size
SPP5878L	Single	1/2"
SPP5879L	Single	3/4"
SPP5878	Double	1/2"
SPP5879	Double	3/4"

CONV. / SQUARE LUG DRY BOOM BODIES



DOUBLE NOZZLE W/DIAPHRAGM

Part No. SPP40152-00

TRIPLE NOZZLE W/DIAPHRAGM

Part No. SPP40153-00

HOSE SHANK ADAPTERS FOR 3/8" FPT NOZZLE BODIES



No.	Size
Single Outlet	
SPP40301-00	3/8"
SPP40306-00	1/2"
SPP40311-00	3/4"
Double Outlet	
SPP40302-00	3/8"
SPP40307-00	1/2"
SPP40312-00	3/4"
Triple Outlet	
SPP40313-00	3/4"

HIGH VOLUME CLEANING NOZZLES

- Cleaning combines, tractors, trucks
- Cleaning construction equipment
- Cleaning barns
- Watering a large garden or lawn in a hurry
- Emergency fire fighting

- Clean by volume rather than high pressure in less time.
- Spray adjusts from off to fan spray to straight stream

- Hooks up to any centrifugal pump. A field sprayer centrifugal pump is ideal as it has both volume and pressure. Use lay flat hose to hook up nozzle to pump. Less expensive and better than fire hose.



FIRE NOZZLE
Attach To Any Garden Hose

- Polycarbonate - Rubber bumper
- Performance:

	Pressure	Output
	50 PSI	15.2 GPM
	100 PSI	22 GPM

Solid Stream Range at 100 PSI - 45.5 Ft.

No.	Description
SPP6178	Nozzle 3/4" FGHT
SPP6178G	Replacement Gasket



ATTACHES TO
1/2" MPT

- Polycarbonate - Rubber bumper
- Performance:

	Pressure	Output
	50 PSI	51 GPM
	75 PSI	66 GPM
	100 PSI	72 GPM

Solid Stream Range at 100 PSI - 58 Ft.

No.	Description
SPP6180	Nozzle 1/2" FPT
SPP6180G	Replacement Gasket



HIGH PERFORMANCE
1/2" FPT

- Polycarbonate - Rubber bumper
- Performance:

	Pressure	Output
	50 PSI	138 GPM
	75 PSI	187 GPM
	100 PSI	72 GPM

Solid Stream Range at 100 PSI - 82 Ft.

No.	Description
SPP6182	1/2" High Performance
SPP6182G	Replacement Gasket



ATTACHES TO
1" MPT

- Polycarbonate - Rubber bumper
- Performance: AS ABOVE

No.	Description
SPP6179	Nozzle 1" FPT
SPP6179G	Replacement Gasket



BRASS CONSTRUCTION
1/2" FPT

- Rubber bumper
- Performance: AS ABOVE

No.	Description
SPP6181	Brass Nozzle
SPP6181G	Replacement Gasket



HIGH PERFORMANCE
2" FPT

- Rubber bumper
- Performance: AS ABOVE

No.	Description
SPP6183	2" High Performance
SPP6183G	Replacement Gasket

VEEJET SPRAY NOZZLES

TYPICAL APPLICATIONS:

Suitable for a variety of washing and spraying applications.

- Parts Cleaning
- Metal Wash
- Foam Control
- Asphalt Spraying
- Max 500 PSI
- 80° angle @ 40 PSI
- Gravel Washing
- Vehicle Washing
- Fertilizer Spraying
- Dishwashers



1/4" MPT

No.	Mfg. No.
SPPH1/4VV-8001	H1/4VV8001
SPPH1/4VV-80015	H1/4VV80015
SPPH1/4VV-8002	H1/4VV8002
SPPH1/4VV-8003	H1/4VV8003
SPPH1/4VV-8004	H1/4VV8004
SPPH1/4VV-8005	H1/4VV8005
SPPH1/4VV-8006	H1/4VV8006
SPPH1/4VV-8008	H1/4VV8008

LOW VOLUME MISTING NOZZLE



SPPF65-005

The Hypro range of misting nozzles produce a high percentage of droplets smaller than 50 microns making the sprays suitable for humidification and evaporation cooling. They are chemically resistant to also allow use with pesticides, disinfectants and odor control agents as well as dust suppression. 40 to 150 PSI.

No.	Spray Pattern	Angle	Mount	GPH@40
SPPF65-005	Flat Fan	65°	Flange	2.89



FOR CAPACITIES FROM 0.097 TO 1.4 GPM

- Adjustable spray from solid stream to a hollow cone pattern

- Made of polypropylene material for excellent chemical resistance
- Fits any 11/16" Teejet male thread bodies
- 30° offset from horizontal incorporated into main tip body

No.	Mfg. No.	Colour
SPP38720-PPB-X8	38720-PP-X8	Grey
-	38720-PP-X12	Brown
SPP38720-PPB-X18	38720-PP-X18	Orange
SPP38720-PPB-X26	38720-PP-X26	Blue



5500 CONEJET POLYPROPYLENE

- Knurled body for easy adjustment
- 1/2 turn adjusts from fine spray to straight stream
- 11/16" Nozzle Thread

No.	Mfg. No.
SPP5500-PPB-X3	5500-PBX-3
SPP5500-PPB-X5	5500-PBX-5
SPP5500-PPB-X6	5500-PBX-6
SPP5500-PPB-X8	5500-PBX-8
SPP5500-PPB-X12	5500-PBX-12
SPP5500-PPB-X18	5500-PBX-18

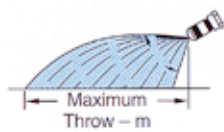


5500 CONEJET BRASS

- Knurled body for easy adjustment
- 1/2 Turn adjusts from fine spray to straight stream
- 11/16" Nozzle Thread

No.	Mfg. No.
SPP5500-X1	5500-X1
SPP5500-X2	5500-X2
SPP5500-X3	5500-X3
SPP5500-X4	5500-X4
SPP5500-X5	5500-X5
SPP5500-X6	5500-X6
SPP5500-X8	5500-X8
SPP5500-X10	5500-X10
SPP5500-X12	5500-X12
SPP5500-X14	5500-X14
SPP5500-X18	5500-X18
SPP5500-X22	5500-X22
SPP5500-X26	5500-X26

TIP SETTING "A" CONE SPRAY PATTERN



TIP SETTING "B" STRAIGHT STREAM SPRAY PATTERN



ADJUSTABLE CONEJET TIP NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI											
		20 PSI		30 PSI		40 PSI		60 PSI		100 PSI			
		SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING		
		A	B	A	B	A	B	A	B	A	B		
38720-PPB-X8	Capacity - GPM	0.097	0.33	0.12	0.40	0.13	0.47	0.16	0.57	0.21	0.74		
	Spray Angle	66°	—	71°	—	74°	—	77°	—	80°	—		
	Max. Throw - Ft.	3	34	3	37	3	38	3	38	4	38		
38720-PPB-X12	Capacity - GPM	0.15	0.49	0.18	0.60	0.20	0.69	0.24	0.84	0.31	1.1		
	Spray Angle	71°	—	75°	—	77°	—	78°	—	80°	—		
	Max. Throw - Ft.	3.5	36	4	39	4	40	4	41	4	41		
38720-PPB-X18	Capacity - GPM	0.20	0.68	0.24	0.81	0.28	0.92	0.34	1.1	0.42	1.4		
	Spray Angle	61°	—	68°	—	80°	—	80°	—	80°	—		
	Max. Throw - Ft.	4	38	4	41	4	42	4	42	6	42		
38720-PPB-X26	Capacity - GPM	0.31	0.89	0.38	1.1	0.43	1.2	0.53	1.5	0.68	1.9		
	Spray Angle	77°	—	82°	—	84°	—	86°	—	86°	—		
	Max. Throw - Ft.	4	34	4.5	37	5	38	5.5	39	6	40		
ADJUSTABLE CONEJET TIP NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI											
		20 PSI		30 PSI		40 PSI		60 PSI		100 PSI		150 PSI	
		SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	SETTING	
		A	B	A	B	A	B	A	B	A	B		
5500-X1	Capacity - GPM	—	.049	.015	.061	.017	.07	.02	.086	.025	.11	.028	.14
	Spray Angle	—	—	38°	—	54°	—	71°	—	80°	—	83°	—
	Max. Throw - Ft.	—	19	1	22	1.5	24	1.5	26	1.5	26	1.5	26
5500-X2	Capacity - GPM	.025	.091	.03	.11	.033	.13	.04	.16	.05	.20	.058	.25
	Spray Angle	40°	—	60°	—	68°	—	75°	—	80°	—	83°	—
	Max. Throw - Ft.	1.5	23	1.5	26	2	27	2	28	2	28	2	28
5500-X3	Capacity - GPM	.037	.13	.045	.17	.05	.19	.058	.23	.073	.30	.088	.37
	Spray Angle	57°	—	68°	—	72°	—	76°	—	80°	—	82°	—
	Max. Throw - Ft.	2	27	2	30	2	31	2	31	3	31	3	31
5500-X4	Capacity - GPM	.05	.18	.058	.22	.067	.25	.08	.31	.10	.40	.12	.49
	Spray Angle	61°	—	70°	—	73°	—	77°	—	80°	—	81°	—
	Max. Throw - Ft.	2.5	30	2.5	33	3	34	3	34	3	34	3	34
5500-X5	Capacity - GPM	.061	.21	.076	.26	.082	.30	.10	.37	.13	.48	.15	.58
	Spray Angle	61°	—	70°	—	74°	—	77°	—	80°	—	81°	—
	Max. Throw - Ft.	2.5	31	2.5	34	3	35	3	35	3	35	3	35
5500-X6	Capacity - GPM	.073	.26	.087	.32	.10	.37	.12	.45	.15	.58	.19	.71
	Spray Angle	65°	—	71°	—	74°	—	77°	—	80°	—	80°	—
	Max. Throw - Ft.	2.5	32	3	35	3	36	3.5	36	3.5	36	3.4	36
5500-X8	Capacity - GPM	.097	.33	.12	.40	.13	.47	.16	.57	.21	.74	.25	.90
	Spray Angle	66°	—	71°	—	74°	—	77°	—	80°	—	80°	—
	Max. Throw - Ft.	3	34	3	37	3	38	3	38	4	38	4	38
5500-X10	Capacity - GPM	.12	.42	.15	.52	.17	.60	.21	.73	.26	.94	.31	1.2
	Spray Angle	68°	—	72°	—	75°	—	78°	—	80°	—	80°	—
	Max. Throw - Ft.	3	35	3.5	38	3.5	39	4	40	4	40	4	40
5500-X12	Capacity - GPM	.15	.49	.18	.60	.20	.69	.24	.84	.31	1.1	.38	1.3
	Spray Angle	69°	—	73°	—	76°	—	78°	—	80°	—	80°	—
	Max. Throw - Ft.	3.5	36	4	39	4	40	4	41	4	41	4	41
5500-X14	Capacity - GPM	.17	.55	.20	.67	.23	.78	.29	.95	.37	1.2	.45	1.5
	Spray Angle	70°	—	74°	—	76°	—	78°	—	80°	—	80°	—
	Max. Throw - Ft.	3.5	37	4	40	4	41	4	41	4.5	41	4.5	41
5500-X18	Capacity - GPM	.21	.69	.26	.84	.30	.97	.37	1.2	.47	1.5	.58	1.9
	Spray Angle	71°	—	75°	—	77°	—	78°	—	80°	—	79°	—
	Max. Throw - Ft.	4	38	4	41	4	42	4	42	5	42	5	42
5500-X22	Capacity - GPM	.26	.83	.32	1.0	.37	1.2	.45	1.4	.58	1.9	.70	2.3
	Spray Angle	71°	—	75°	—	78°	—	79°	—	80°	—	78°	—
	Max. Throw - Ft.	4	39	4.5	41	5	42	5	42	5	42	5	42
5500-X26	Capacity - GPM	.31	.98	.37	1.2	.43	1.4	.53	1.7	.68	2.2	.83	2.7
	Spray Angle	72°	—	76°	—	78°	—	79°	—	80°	—	78°	—
	Max. Throw - Ft.	4.5	40	5	42	5	43	5.5	43	5.5	43	5.5	43

Above data is based on spraying water from a height of about 2 1/2 feet with tip tilted about as shown at left for each setting.

TELESCOPING LIGHT DUTY SPRAY GUN



- Telescoping aluminum wand
- Adjust from 32" to 51" including handles
- Excellent for spraying shrubs or small trees up to 15'
- Nozzle adjusts from fan spray to straight stream
- Mfg. from chemical resistant polypropylene & aluminum
- Trigger can be locked into spray mode
- 1/4" hose barb connection with locking collar
- Max. 150 PSI

No.	Description
SPPW500	Telescoping Wand

* Replacement nozzles not available

TRIGGERJET 50800



- For use with backpack and other low pressure sprayers
- Adjustable cone spray tip with a 30° offset
- Trigger lock permits locking gun in an open position for continuous flow
- 1/4" or 3/8" hose shank connection with 1/2" maximum hose OD
- Max. 100 PSI

No.	Mfg. No.	Wand	Ext.	Conn.
SPP50800-15-PP-300	50800-15-PP-1/4	Poly	15"	1/4"
SPP50800-15-PP-406	50800-15-PP-3/8	Poly	15"	3/8"
-	50800-21-AL-1/4	Aluminum	21"	1/4"
-	50800-21-AL-3/8	Aluminum	21"	3/8"

ACCESSORIES

2, 3 OR 4 NOZZLE BOOMS



- Poly & fiber glass construction
- 11/16" female connection for attaching to spray gun
- Complete with nozzle caps, screens and 02F110 tips.

No.	Nozzles	Spray Coverage
SPP2NB	2	40"
SPP3NB	3	60"
SPP4NB	4	80"

TRIGGERJET 22650



TRIGGER HANDLE ON/OFF SPRAY GUN

- A low pressure gun for ATV or backpack spraying
- Adjustable cone spray tip, adjust spray pattern from wide angle cone spray to straight steam. Tip # SPP5500-PPB-X8 standard
- Built in line filter in handle
- Polypropylene construction
- 1/4" FPT connection
- Available with 15" or 24" extension
- Viton diaphragm
- Max. 150 PSI

No.	Mfg. No.	Ext.
SPP22650-PP-1/4	22650	-
SPP22670-PP-15-1/4	22670-PP-15	15"
-	22670-PP-24	24"
Repair Kit		
SPPPK-AB22670-PP-KIT	PK-AB22670-PP-KIT	
SPPPK-AB22650-PP-KIT	PK-AB22650-PP-KIT	

SPRAY GUN MOUNTING CLIPS



No.	Description
-	Metal clip
-	Plastic clip



NO. 4688 BRASS TRIGGER VALVE

- Trigger lock
- Max. 2 GPM
- Max. 250 PSI
- Use with adjustable Conejet tips etc.

No.	Inlet FPT	Outlet Nozzle Thread
SPP4688	1/4"	11/16"
Repair Kit		
SPPPK-AB4688-KIT	PK-AB4688-KIT	



NO. 6104 BRASS TRIGGER VALVE

- Trigger lock
- Max. 2 GPM
- Max 250 PSI

No.	Inlet FPT	Outlet FPT
SPP6104	1/4"	1/4"
Repair Kit		
SPPAB6104-KIT	AB6104	



NO. 36 BRASS TRIGGER VALVE

- Trigger lock
- Max. 7 GPM
- Max. 150 PSI

No.	Inlet FPT	Outlet FPT
SPPAA36-1/4	1/4"	1/4"
SPPAA36-3/8	3/8"	3/8"
Repair Kit		
-	PK-AB36-KIT	



NO. 6466 BRASS TRIGGER VALVE

- Same as No. 4688
- Less trigger lock with extra long trigger

No.	Inlet FPT	Outlet Nozzle Thread
SPP6466	1/4"	11/16"
Repair Kit		
SPPAB6466-KIT	AB6466-KIT	
SPP6466-VI	6466-VI	



NO. 6590 BRASS TRIGGER VALVE

- Same as No. 6104
- Less trigger lock, with extra long trigger.

No.	Inlet FPT	Outlet FPT
SPP6590	1/4"	1/4"
Repair Kit		
SPPAB6590-KIT	AB6590-KIT	



NO. 36 STAINLESS STEEL TRIGGER VALVE

- Trigger lock
- Max. 7 GPM
- Max. 150 PSI

No.	Inlet FPT	Outlet FPT
SPPAA36-1/4-SS	1/4"	1/4"
SPPAA36-3/8-SS	3/8"	3/8"
Repair Kit		
SPPAB36-SS-KIT	AB36-SS-KIT	



NO. 9527 HIGH PRESSURE BRASS CURVED EXTENSION

- Max. 1000 PSI
- Insulated Handle
- Inlet Female Nozzle Thread
- Outlet Male Nozzle Thread
- Fits models 23H and #31 spray guns

No.	Mfg. No.	Length
SPP9527-8	9527-8	8"
SPP9527-18	9527-18	18"
SPP9527-24	9527-24	24"
SPP9527-36	9527-36	36"
SPP9527-48	9527-48	48"



NO. 31 BRASS TRIGGER VALVE

- Max 500 PSI
- Comfortable palm fitting gun
- Brass forged body
- Stainless steel valve stem
- Teflon valve seat and packing

No.	Inlet FPT	Outlet Nozzle Thread
SPPAA31	1/4" MPT	11/16"
Repair Kit		
SPPPK-AB31-KIT	RK-AB31-KIT	



VALVE HANDLES

No.	Mfg. No.	Valve	Hose
3314	4727	1/4" MPT	1/4" Comp.
3315	4754	1/4" MPT	3/4" GHFT



CURVED BRASS EXTENSIONS WITH FIXED BODY

Male Nozzle Thread by
Female Nozzle Thread
Max 125 PSI

No.	Mfg. No.	Length
SPP6671-8	6671-8	8"
SPP6671-18	6671-18	18"
SPP6671-24	6671-24	24"
SPP6671-30	6671-30	30"
SPP6671-36	6671-36	36"
SPP6671-48	6671-48	48"



CURVED BRASS EXTENSIONS WITH SWIVEL BODY

Male Nozzle Thread by
Female Nozzle Thread
Max 125 PSI

No.	Mfg. No.	Length
SPP4673-8	4673-8	8"
SPP4673-18	4673-18	18"
SPP4673-24	4673-24	24"
SPP4673-30	4673-30	30"
SPP4673-36	4673-36	36"
SPP4673-48	4673-48	48"



STRAIGHT BRASS EXTENSION

For 23L, 31 Gunjet and Trigger Valves with 11/16" Nozzle Thread
Max 250 PSI

No.	Mfg. No.	Length
SPP7715-8	7715-8	8"
SPP7715-18	7715-18	18"
SPP7715-24	7715-24	24"
SPP7715-30	7715-30	30"
SPP7715-36	7715-36	36"
SPP7715-48	7715-48	48"

Trigger Handle Adjustable Pattern Spray Gun

- As trigger is drawn back, valve moves from closed position to wide angle, to narrow cone to final straight stream.
- Trigger can be adjusted to stop at desired position.



GUNJET OVERALL LENGTH 22"

No.	Mfg. No.	Inlet Port	Pressure Range PSI	Material
SPPAA43L-6	43L	1/2" FPT	0-200	Brass
SPPAA43H-6	43H	1/2" FPT	200-800	Brass
SPPAA43L-AL6	43L-AL	1/2" FPT	0-200	Aluminum
SPPAA43H-AL6	43H-AL	1/2" FPT	200-800	Aluminum

Hardened Stainless Steel Type DX-HSS Spray Tips

For spraying trees and other applications where maximum spray throw is required.



BRASS

No.	Mfg. No.
SPPDX-10	DX-10
SPPDX-12	DX-12

STAINLESS STEEL

No.	Mfg. No.
SPPDX-HSS6	DX-HSS-6
SPPDX-HSS10	DX-HSS-10
SPPDX-HSS12	DX-HSS-12

- Accepts disk type cone spray tips. No. 6 is standard. See page 51 for other sizes available.
- Available in Aluminum or Brass construction
- Max. volume 14.1 GPM with #10 disk.
- Pressure 0-800 PSI



GUNJET OVERALL LENGTH 13"

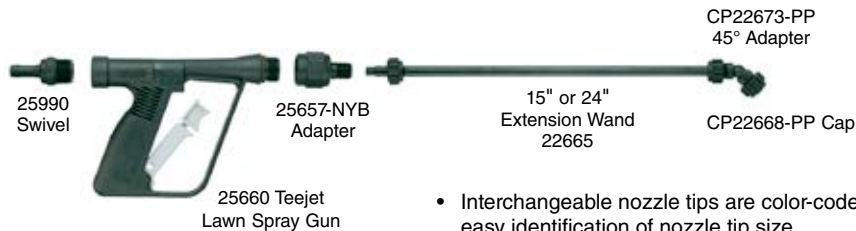
No.	Mfg. No.	Inlet Port	Pressure Range PSI	Material
SPPAA43LA-6	43LA	1/2" FPT	0-200	Brass
SPPAA43HA-6	43HA	1/2" FPT	200-800	Brass
SPPAA43LA-AL6	43LA-AL	1/2" FPT	0-200	Aluminum
SPPAA43HA-AL6	43HA-AL	1/2" FPT	200-800	Aluminum



GUNJET OVERALL LENGTH 8"

No.	Mfg. No.	Inlet Port	Pressure Range PSI	Material
SPPAA43LC-1/2	43LC-1/2	1/2" FPT	0-200	Brass
SPPAA43LC-3/4	43LC-3/4	3/4" FPT	0-200	Brass
SPPAA43HC-3/4	43HC-3/4	3/4" FPT	200-800	Brass

TEEJET LAWN SPRAY GUN



- Interchangeable nozzle tips are color-coded for easy identification of nozzle tip size
- Nozzle tips provide a 45° full cone "shower head" spray pattern
- Convenient trigger lock for continuous spraying
- Option available: hose shank swivel for inlet connection and extension wand and adapters for low volume and spot spraying
- Maximum operating pressure of 200 PSI (14 bar)
- Made of nylon with viton o-rings and stainless steel springs.

No.	Description
SPP25660-0	25660 Lawn Gun (less tip)
SPPCP25670-1.5-NY	4364 Grey Tip
SPPCP25670-3.0-NYB	4365 Black Tip
SPPCP25670-4.0-NY	4366 Red Tip
SPP25990-GGH-NYB	25990 Swivel
SPPCP22673-PP	CP22673-PP 45° Adapter
SPPCP22668-PP	CP22673-PP Cap
SPP25657-NYB	25657-NYB Adapter
SPP22665-15-PP	22665-15PP Extension
SPP22665-24-PP	22665-24PP Extension

No.	Nozzle Tip Number	Nozzle Tip Color	Capacity (GPM) at Various Pressures						
			2 PSI	4 PSI	6 PSI	8 PSI	10 PSI	15 PSI	20 PSI
SPPCP25670-1.5-NY	25670-1.5-NY	Gray	1.4	1.9	2.3	2.6	2.9	3.4	4.0
SPPCP25670-3.0-NYB	25670-3.0-NY	Black	2.0	2.7	3.2	3.6	4.1	4.9	5.6
SPPCP25670-4.0-NY	25670-4.0-NY	Red	2.3	3.1	3.7	4.3	4.7	5.6	6.4

- For pressures to 800 PSI
- Rotate handle 70° from close to open
- As handle is turned spray changes from cone through to straight stream
- Models 12, 12A, 12-AL, 12C, 18, 18-AL & 143-AL-GH accept all standard orifice disks. See page 51.
- Orifice Disk AY-HSS60 supplied with Gunjet Model #2
- Orifice Disk #D6 supplied with Gunjet Models #12, 18 & 143



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA2-60	AA2	24"	FGHT	Brass	3½ lbs.
SPPAA2-AL60	AA2-AL	24"	FGHT	Aluminum	1½ lbs.



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA2A-60	AA2A	15"	FGHT	Brass	2½ lbs.
SPPAA2A-AL60	AA2A-AL	15"	FGHT	Aluminum	1 lb.



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA12-6	AA12	20"	FGHT	Brass	1½ lbs.
SPPAA12-AL6	AA12-AL	20"	FGHT	Aluminum	¾ lb.



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA12A-6	AA12A	15"	FGHT	Brass	1½ lbs.



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA18-6	AA18	20"	1/4"	Brass	1½ lbs.
SPPAA18-AL6	AA18-AL	20"	3/4"	Aluminum	1 lb.



No.	Mfg. No.	Length	Port	Material	Weight
SPPAA143-AL-GH-6	143-AL-GH	22-1/4"	FGHT	Aluminum	1½ lbs.

TWIST HANDLE ADJUSTABLE PATTERN SPRAY GUN



- Rotate handle to adjust spray from off to wide cone spray to straight stream
- Accepts disk type cone spray tips. #6 is standard. See page 51 for other sizes available

No.	Port	Material	PSI	GPM
SPP5.901.30	1/2" MPT	Brass	700	5.3

SPP9.1305.8	Complete Nozzle			
SPP5.1701.8	#5901.20 Coupling FPT x MPT			
SPP9.204.11	#5901.15 Whirl Plate Head			

GUNJET ORIFICE DISKS

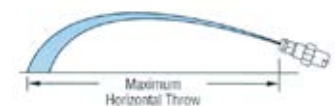
Type AY-HSS16/240
Stainless Steel
Orifice Disks for Gunjet
Models 2, 2AL, 2A & 2AL-AL

No.	Mfg. No.
SPPAY-HSS16	AY-HSS16
SPPAY-HSS20	AY-HSS20
SPPAY-HSS30	AY-HSS30
SPPAY-HSS45	AY-HSS45
SPPAY-HSS60	AY-HSS60
SPPAY-HSS70	AY-HSS70
SPPAY-HSS90	AY-HSS90
SPPAY-HSS120	AY-HSS120
SPPAY-HSS180	AY-HSS180

SETTING "A"
WIDE ANGLE CONE SPRAY



SETTING "C"
STRAIGHT STREAM SPRAY



GUNJET NUMBER	ORIFICE DISC NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI			
			100 PSI		800 PSI	
			A	C	A	C
AA2-20	AY-SS 20	Capacity - GPM	.53	.90	1.5	2.5
		Max. Vert. Throw - ft.	—	25	—	33
AA2-30	AY-SS 30	Capacity - GPM	.79	1.4	2.2	4.0
		Max. Vert. Throw - ft.	—	27	—	34
AA2-45	AY-SS 45	Capacity - GPM	1.2	2.3	3.4	6.5
		Max. Vert. Throw - ft.	—	30	—	36
AA2-60	AY-SS 60	Capacity - GPM	1.6	3.6	4.5	10
		Max. Vert. Throw - ft.	—	32	—	40
AA2-90	AY-SS 90	Capacity - GPM	2.3	4.9	6.7	14
		Max. Vert. Throw - ft.	—	35	—	44
AA2-120	AY-SS 120	Capacity - GPM	3.2	6.4	9.0	17
		Max. Vert. Throw - ft.	—	37	—	48
AA2-180	AY-SS 180	Capacity - GPM	4.7	11	13	31
		Max. Vert. Throw - ft.	—	37	—	48

GUNJET NUMBER	ORIFICE DISC NUMBER	PERFORMANCE	LIQUID PRESSURE IN PSI			
			100 PSI		800 PSI	
			A	C	A	C
AA143-AL-*2	D2	Capacity - GPM	.36	.36	1.0	1.0
		Max. Vert. Throw - ft.	—	22	—	26
AA143-AL-*4	D4	Capacity - GPM	.82	.82	2.3	2.3
		Max. Vert. Throw - ft.	—	27	—	32
AA143-AL-*6	D6	Capacity - GPM	1.7	1.8	4.9	5.1
		Max. Vert. Throw - ft.	—	33	—	38
AA143-AL-*8	D8	Capacity - GPM	2.8	3.3	8.1	9.4
		Max. Vert. Throw - ft.	—	35.5	—	42
AA143-AL-*10	D10	Capacity - GPM	3.9	4.9	11.2	13.9
		Max. Vert. Throw - ft.	—	37.5	—	44.5

*Inlet size 3/4" or GH.

MEDIUM HIGH/LOW PRESSURE GUN



Part No. **SPP90.300.005**

- Spot spraying or pressure washer applications to 1000 PSI
- Adjustable spray nozzle from fan to straight stream
- 18" wand length
- Heavy duty trigger spray gun
- Can be locked in spray or shut off position
- 3/8" FPT hose connection



AA30A-1/4



- Nylon handles and trigger guards
- Forged brass valve bodies
- Buna-N or Viton® stem seals
- Stainless steel working parts

No.	Mfg. No.	Inlet	PSI	GPM	Temp
SPPAA30A-1/4	AA30A-1/4	1/4" FPT	1500	5 GPM	200°F

AA30L-PP



- Polypropylene construction
- Polypropylene, stainless steel and Viton wetted parts

No.	Mfg. No.	Inlet	PSI	GPM
SPPAA30L-PP	AA30L-PP	1/4" FPT	150	5 GPM

AA30L-1/4



- Non-drop design - valve extends to end of extension for drip free shut off
- Accommodates all interchangeable tips
- Max. 5 GPM
- Max. 250 PSI
- Inlet 1/4" FPT
- Outlet 11/16" nozzle thread

No.	Mfg. No.	Ext.
SPPAA30L-1/4	AA30L-1/4	-
SPPAA30L-22425-18	AA30L-22425-18	18"
SPPAA30L-22425-24	AA30L-22425-24	24"
SPPAA30L-22425-36	AA30L-22425-36	36"
SPPAA30L-22425-48	AA30L-22425-48	48"
Repair Kit		
SPPPK-AB30L-PP-KIT	PK-AB30L-PP-KIT	



AA23L

- Valve extends to end of extension for drip free shut off
- Aluminum handle, brass extension
- Accommodates all interchangeable tips
- Max. 5 GPM
- Max. 250 PSI
- Inlet 1/4" MPT
- Outlet 11/16" nozzle thread

No.	Mfg. No.	Ext.
SPPAA23L	AA23L	-
SPPAA23L-7676-8	AA23L-7676-8	8"
SPPAA23L-7676-18	AA23L-7676-18	18"
SPPAA23L-7676-24	AA23L-7676-24	24"
SPPAA23L-7676-36	AA23L-7676-36	36"
SPPAA23L-7676-48	AA23L-7676-48	48"
Repair Kit		
SPPPK-AB23L-KIT	PK-AB23L-PP-KIT	
SPPPK-AB23H-KIT	PK-AB23H-PP-KIT	



UNIVERSAL MEDIUM & LONG RANGE TREE GUN

- Brass body
- Quick release trigger lock
- Adjustable spray pattern from hollow cone to solid stream
- 1/2" hose barb with swivel standard
- Stainless steel pipe
- 2.3mm Nozzle tip standard
- 1/2" BSP Inlet thread

No.	Mfg. No.	PSI	GPM	Throw	Length	Lbs.
SPP002201F	002201F	850	35	82 ft.	27 1/2"	3 1/2



MEDIUM RANGE TREE GUN

- Adjustable spray pattern from hollow cone to solid stream
- Max. 850 PSI
- Max. 13.2 GPM
- Inlet 1/2" MPT
- 2.3mm nozzle standard.
- Max. Throw 45.8 ft.
- Stainless steel and brass
- 1/2" BSP Inlet thread

No.	Mfg. No.	Length	Lbs.
SPP7.901.103	5.901.103	21"	3 1/2
Repair Kit			
MEK-1			



LONG RANGE TREE GUN

- Adjustable spray pattern from hollow cone to solid stream
- Max. 850 PSI
- Max. 29 GPM
- Inlet 1/2" MPT
- 2.3mm nozzle standard
- Max. Throw 77 ft.
- Stainless steel and brass
- 1/2" BSP Inlet thread

No.	Mfg. No.	Length	Lbs.
SPP13.901.151	13.901.151	25"	3 3/4

36" GUN AND WAND ASSEMBLY

No.	Mfg. No.	Length
SPP75209	PP-719360	36"



1-1/2" PLASTIC FOG NOZZLE



No.	Mfg. No.	Length	Lbs.
SPPFN-150	FN-150	1 1/2"	0.48

BRITISH PIPE THREAD TO HOSE BARB FITTINGS

- Part No. **SPP162.604.2A** - 1/2" BSP to 3/8" HB
- Part No. **SPP162.604.3A** - 1/2" BSP to 1/2" HB

ADJUSTABLE WATER NOZZLES



- Adjustable head
 - 5½" zinc alloy nozzle
 - Insulated handle
- Part No. SPPGHN**



- 6 way adjustable head
 - 5½" zinc alloy nozzle
 - Insulated handle
- Part No. SPP90.300.011**



- Adjustable brass head
 - 5½" zinc alloy nozzle
 - Insulated handle
- Part No. SPP90.300.010**



- Straight jet to 60° fan
 - 350 PSI Max.
 - 16 GPM
 - 100°F Max.
- Part No. SPP85.205.020**

BANJO 3/4" GARDEN HOSE SPRAY NOZZLE



- Heavy-duty machined aluminum construction
- Soft rubber comfort-grip
- Resists dents, mars and scratches
- Aluminum hose connection will not rust
- Multiple spray patterns from jet stream to fan
- Stainless steel spray cap for precise patterns

Part No. SPPGHN075

RUBBER WATER HOSE



Part No. SPPWHGL8-GRN-50



GREEN GARDEN HOSE

- 50 ft. 1/2" ID superflex hose
- Stays flexible at -40°C
- 150 PSI @ 70°F

BLACK GARDEN HOSE

- 50 ft. rolls.
- 200 PSI

No.	Size
SPPWH10BLK-50H	5/8"
SPPWH12BLK-50H	3/4"

GARDEN HOSE VALVES



3/4" "Y" BALL VALVE

FGHT x (2) MGHT

No.	Material
SPP5181	Nylon
SPP91.900.073	Brass



3/4" BALL VALVE

FGHT x MGHT

No.	Material
SPP5180	Nylon
SPP91.900.074	Brass
SPP91.900.075	Heavy Duty Brass

GARDEN HOSE QUICK COUPLERS



No.	Description
SPP5182	3/4" FGHT x Male Adapter w/On-Off Valve
SPP5183	3/4" FGHT x 3/4" Male Adapter
SPP5184	3/4" MGHT x 3/4" Female Adapter
SPP5185	3/4" FGHT x 3/4" Female Adapter
SPP5186	3/4" MGHT x 3/4" Male Adapter
SPP5187	3/4" Female Coupler x 3/4" Male Adapter w/Shutoff
SPP5188	3/4" FGHT x 3/4" Male Adapter w/Timer

ADAPTERS

MGHT x HB



NYLON

No.	Size
SPP40-3414	3/4" x 1/4"
SPP40-3438	3/4" x 3/8"
SPP40-3412	3/4" x 1/2"
SPP40-3458	3/4" x 5/8"
SPP40-34	3/4" x 3/4"



POLY

No.	Size
SPP40-3438P	3/4" x 3/8"
SPP40-3412P	3/4" x 1/2"
SPP40-3458P	3/4" x 5/8"
SPP40-34P	3/4" x 3/4"



BRASS

No.	Size
SPP40-38B	3/4" x 3/8"
SPP40-12B	3/4" x 1/2"
SPP40-58B	3/4" x 5/8"
SPP40-34B	3/4" x 3/4"
SPP40-100B	1" x 1"

MGHT x FPT



NYLON

No.	Size
SPP43-14	3/4" x 1/4"
SPP43-12	3/4" x 1/2"
SPP43-34	3/4" x 3/4"



POLY

No.	Size
SPP43-14P	3/4" x 1/4"
SPP43-12P	3/4" x 1/2"
SPP43-34P	3/4" x 3/4"



BRASS

No.	Size
SPP43-14B	3/4" x 1/4"
SPP43-12B	3/4" x 1/2"
SPP43-38B	3/4" x 3/8"
SPP43-34B	3/4" x 3/4"

FGHT x MGHT



NYLON

No.	Size
SPP47-34	3/4" x 3/4"



POLY

No.	Size
SPP47-34P	3/4" x 3/4"

WASHERS



GARDEN HOSE WASHER

No.	Size
SPPW406V	3/4" Washer
SPPW160M	3/4" Filter/Washer
SPPW405	1" Washer

FGHT x MPT



NYLON

No.	Size
SPP46-34	3/4" x 3/4"



POLY

No.	Size
SPP46-34P	3/4" x 3/4"



BRASS

No.	Size
SPP46-38B	3/4" x 3/8"
SPP46-12B	3/4" x 1/2"
SPP74087	3/4" x 3/4"



BRASS HOSE BARB SWIVEL

2" LONG HOSE BARB

No.	FGHT x HB
SPP90.900.046	3/4" x 3/8" x 2"
SPP90.900.021	3/4" x 1/2" x 2"
SPP90.900.034	3/4" x 3/4" x 2"



BRASS MGHT HOSE BARB

2" LONG HOSE BARB

No.	MGHT x HB
SPP90.900.019	3/4" x 3/8" x 2"
SPP90.900.047	3/4" x 1/2" x 2"
SPP90.900.048	3/4" x 3/4" x 2"

SWIVEL ADAPTERS

FPT / FGHT x HB



NYLON

No.	HB	Nut Req
SPP34-14	1/4"	3/4"
SPP34-38	3/8"	3/4"
SPP34-12	1/2"	3/4"
SPP34-58	5/8"	3/4"
SPP34-34	3/4"	3/4"
SPP34-100	1"	1"
Swivel Nuts		
SPP36-34	3/4" FPT	
SPP38-34	3/4" FGHT	
SPPB100	1" FPT	



POLY

No.	HB	Nut Req
SPP34-14P	1/4"	3/4"
SPPJG34-38P	3/8"	3/4"
SPP34-12P	1/2"	3/4"
SPP34-58P	5/8"	3/4"
SPP34-34P	3/4"	3/4"
SPP34-100P	1"	1"
Swivel Nuts		
SPP36-34P	3/4" FPT	
SPP38-34P	3/4" FGHT	
SPP36-100P	1" FPT	



POLY BALL SEAT

No.	HB	Nut Req
SPP65-14P	1/4"	1/4"
SPP65-1412P	1/4"	1/2"
SPP65-38P	3/8"	3/8"
SPP65-12P	1/2"	1/2"
Hex Nuts		
SPP66-14P	1/4" FPT	
SPP66-38P	3/8" FPT	
SPP66-12P	1/2" FPT	

ELBOWS



NYLON

MGHT x HB

No.	Size
SPP41-3414	3/4" x 1/4"
SPP41-3438	3/4" x 3/8"
SPP41-3412	3/4" x 1/2"
SPP41-3458	3/4" x 5/8"
SPP41-34	3/4" x 3/4"



POLY

MGHT x HB

No.	Size
SPP41-3414P	3/4" x 1/4"
SPP41-3412P	3/4" x 1/2"
SPP41-3458P	3/4" x 5/8"
SPP41-34P	3/4" x 3/4"



NYLON SWIVEL

No.	Size
SPP79115	1/2" MPT



BRASS

(Nut Included)

No.	FPT x HB
SPP72-38B	3/4" x 3/8"
SPP72-12B	3/4" x 1/2"
SPP72-58B	3/4" x 5/8"
SPP72-34B	3/4" x 3/4"

No.	FGHT x HB
SPP70-38B	3/4" x 3/8"
SPP70-12B	3/4" x 1/2"
SPP70-58B	3/4" x 5/8"
SPP70-34B	3/4" x 3/4"



BRASS NUTS

No.	Size
SPP38-34B	3/4" FGHT Knurl
SPPB33B	3/4" FGHT Hex



ZINC PLATED STEEL

No.	HB	Nut Req
SPP34-34SP	3/4"	3/4"

FGHT x MPT



BRASS

No.	Size
SPP60-14B	3/4" x 1/4"
SPP60-38B	3/4" x 3/8"
SPP60-12B	3/4" x 1/2"

CAPS & PLUGS



NYLON CAP

FGHT

No.	Size
SPP50-34	3/4"



POLY CAP

FGHT

No.	Size
SPP50-34P	3/4"



BRASS CAP

FGHT

No.	Size
SPP50-34B	3/4"



BRASS PLUG

MGHT

No.	Size
SPP74099	3/4"

NIPPLES

MGHT x MGHT



NYLON

No.	Size
SPP73639	3/4" x 3/4"



POLY

No.	Size
SPP48-34P	3/4" x 3/4"



BRASS

No.	Size
SPP48-34B	3/4" x 3/4"

MGHT x MPT



NYLON

No.	Size
SPP39-3438	3/4" x 3/8"
SPP39-3412	3/4" x 1/2"
SPP39-34	3/4" x 3/4"



POLY

No.	Size
SPP39-3438P	3/4" x 3/8"
SPP39-3412P	3/4" x 1/2"
SPP39-34P	3/4" x 3/4"



BRASS

No.	Size
SPP56-38B	3/4" x 3/8"
SPP56-12B	3/4" x 1/2"
SPP56-34B	3/4" x 3/4"
SPP56-100B	3/4" x 1"

TEES

MGHT x HB



NYLON

No.	Size
SPP42-38	3/4" x 3/8"
SPP42-58	3/4" x 5/8"
SPP42-58	3/4" x 3/4"

COUPLINGS

FGHT x FPT



NYLON

No.	Size
SPP58-12	3/4" x 1/2"
SPP73526	3/4" x 3/4"



POLY

No.	Size
SPP58-12P	3/4" x 1/2"
SPP58-34P	3/4" x 3/4"



BRASS

No.	Size
SPP58-18B	3/4" x 1/8"
SPP58-14B	3/4" x 1/4"
SPP58-38B	3/4" x 3/8"
SPP58-12B	3/4" x 1/2"
SPP198-E	3/4" x 3/4"



BRASS SWIVEL

No.	Size
SPP49-12B	3/4" x 1/2"
SPP49-34B	3/4" x 3/4"

FGHT x FGHT



BRASS

No.	Size
SPP67-34B	3/4" x 3/4"



BRASS SWIVEL

No.	Size
SPP55-34B	3/4" x 3/4"



"Y" COUPLING

FGHT x (2) MGHT

No.	Size
SPP61-34B	3/4" x 3/4" x 3/4"

GAS POWERED PRESSURE WASHERS



Engine Honda GC160 (5.0 hp)
Pump Axial
GPM 2.1
PSI 2500
Weight 71 lbs.

- EZ-Grip garden hose fittings
- 25' Steel wire braided hose
- 2950 PSI Front entry spray gun
- 36" insulated lance
- 0°, 15° & 40° Quick connect nozzles & soap nozzle

5 HP DIRECT DRIVE UNIT
Part No. SPPX-2005HWX



Engine Honda GX390 (13 hp)
Pump Comet ZWWDK4036
GPM 4.0
PSI 3600
Weight 158 lbs.

- 25' Steel wire braided hose
- 5000 PSI Industrial spray gun
- Thermal relief valve
- 36" insulated lance
- 0°, 15° & 40° Quick connect nozzles & soap nozzle

13 HP DIRECT DRIVE UNIT
Part No. SPPX-4013HWPCOMK

HOT WATER PRESSURE WASHER



Engine Honda GX390 Series OHV (13 hp)
Pump AR Triplex pump with ceramic plungers
GPM 4.0
PSI 3500
Weight 428 lbs.

- 50' pressure hose with viton QD
- 36" gun and wand assembly
- 0°, 15° & 40° Quick connect nozzles & 50° soap nozzle
- Powder coated frame
- EMF (Electro Magneto Fired) burner

13 HP GAS POWERED UNIT
Part No. SPPHW3513HAD

ELECTRIC PRESSURE WASHERS



Motor 1.5HP AR Electric Motor 110V
Pump BE Triplex
GPM 1.6
PSI 1500
Amps 13.2

- 1750 RPM
- 25 ft. steel braided hose
- Spray gun & lance
- Low pressure chemical injector
- Powder coated frame
- Automatic start / stop system

1.5 HP
PACK AROUND - Part No. SPPP1515EPN
WITH CART - Part No. SPPX1515EN



Motor 2.0HP Baldor Electric Motor 110V
Pump Comet BWDK Triplex
GPM 2.0
PSI 1500
Amps 17
Weight 94 lbs.

- Switch, cord and plug included
- 25' Steel wire braided hose
- Industrial spray gun
- Powder coated steel frame
- 0°, 15° & 40° Quick connect nozzles & soap nozzle

2.0 HP
Part No. SPPX-1520EW1COM



Motor 7.5HP Electric Motor - 1 Phase
Pump Comet FWS3530E
GPM 3.5
PSI 2700
Amps 32
Weight 219 lbs.

- 50' Steel wire braided hose
- Industrial 5000 PSI spray gun
- Powder coated steel frame
- Low pressure chemical injector
- 0°, 15° & 40° Quick connect nozzles & soap nozzle

7.5 HP
Part No. SPPHW3513HAD

PRESSURE WASHERS & ACCESSORIES

WALL MOUNTED PRESSURE WASHER



WALL MOUNTED
POWDER COATED
STEEL FRAME



50' HOSE REEL FOR
NEAT UP-OFF-THE-FLOOR
STORAGE



POWEREASE
1.5HP MOTOR



BE TRIPLEX PUMP

- 1.5HP Electric Motor 110V
- 1750 RPM
- 1500 PSI Max.
- 1.6 GPM Max.
- 13.2 Amps
- Triplex pump
- 50 ft. steel braided hose
- 36" Spray Gun & Lance
- Low pressure chemical injector
- Wall-mounted Powder Coated Steel Frame
- Automatic Start/Stop System
- Includes GFCI

Unit includes mounting bolts.
Slots are spaced 16" apart to line
up with studs

Part No. SPPP1515EPNW



Unit can be removed from wall
mount with 4 quick release bolts to
become a portable washer.

Integrated soap tank



SOAP DETERGENTS



1 GALLON

No.	Description
SPPD-244-4	Car Wash
SPP85.490.051	House & Siding
SPP85.490.052	Deck & Fence
SPPD-6733-4	Heavy Duty Degreaser

ATTACHMENTS



FOAM LANCE

Part No. SPP85.490.047

- Combines high pressure water flow mixed with detergent and air to produce foam
- 3650 PSI Max
- Stainless steel 1.2mm nozzle
- 1L chemical container
- Adjustable flow control

ACCESSORIES



1 GALLON DETERGENT HOLDER

Part No. SPP85.601.010



1 LITRE PUMP OIL

Part No. SPP85.490.000



PUMP SAVER ANTI-FREEZE

Part No. SPP85.490.046



12" WHIRL-A-WAY

Part No. SPP85.403.014

- 3000 PSI Max
- 8 GPM Max
- 140°F Max



16" WATER BROOM

Part No. SPP85.400.061

- 4000 PSI Max
- 4 GPM Max
- 1/4" QC



ROTATING NYLON BRUSH

Part No. SPP85.400.008

- Max 2000 PSI
- 140°F Max
- 1/4" QC or Male M22 Inlet

Model #SPP3381-0034-#



No.
1
2
3



- Rear entry
- Stainless steel ball & seat
- 16" insulated lance
- Safety lock
- Light weight
- Max. 3500 PSI
- Max. 7 GPM
- Max. 300°F
- Available in 4 lengths

No.	Insulated Lance	Overall Ext.	Overall Length
SPP3381-0034	16"	-	16"
Extensions			
SPP3365-0007/14	-	14"	30"
SPP3365-0007/24	-	24"	40"
SPP3365-0007/36	-	36"	52"

ACCESSORY KIT



Ideal for use with small electric hobby plastic pressure washers

- 2700 PSI front load gun
- Two piece lance
- M22 coupler
- #3 variable nozzle
- 1/4" x 24' hose (3000 psi)

No.	Description
SPP85.400.327	Accessory Kit

HOT/ COLD WATER SINGLE BRAID HOSE ASSEMBLY



- Max. 4000 PSI
- Max. 310°F
- 3/8" Black hose
- Crimped on 3/8" MPT ends
- Quick couplers included with selected assemblies

No.	Length	Coupler
SPP85.238.133	30'	Brass QC
SPP85.238.151	50'	Brass QC
SPP85.238.176	75'	Brass QC
SPP85.238.111	100'	Brass QC
Non-Marking		
SPP85.238.155BLUE	50'	Brass QC
SPP85.238.154	50'	-
SPP85.238.155	50'	Brass QC

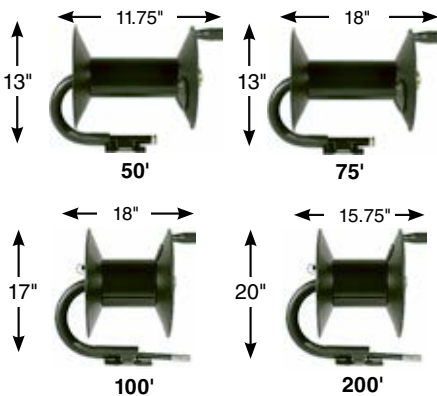
HOT/ COLD WATER DOUBLE BRAID HOSE ASSEMBLY



- Max. 6000 PSI
- Max. 310°F
- 3/8" Black hose
- Crimped on 3/8" MPT ends
- Quick couplers included in price of selected assemblies

No.	Length	Coupler
SPP85.238.250	50'	-
SPP85.238.251	50'	SS QC
SPP85.238.211	100'	SS QC
Non-Marking		
SPP85.238.255	50'	SS QC

HEAVY DUTY PRESSURE WASHER HOSE REELS



- Max. 3000 PSI
- Max. 160°F
- Hose size 3/8"

No.	Max Hose	Max Height	Max Width
SPP85.402.050	50'	13"	11.75"
SPP85.402.000	75'	13"	18"
SPP85.402.001	100'	17"	18"
SPP85.402.002	200'	20"	15.75"

PRESSURE WASHERS & ACCESSORIES

TELESCOPING LONG WANDS

- Clean buildings / equipment up to 30' from ground level
- Solid brass quick connect coupler on standard models
- Solid brass with stainless steel sleeve quick connect coupler on Heavy Duty models
- Spray nozzles not included.



STANDARD

- Max Pressure: 3000 PSI
- Max Flow 6.0 GPM
- Max Temp. 200°F

No.	Length	Hose
SPP85.206.012L	6'6" to 12'	1/4"
SPP85.206.018L	6'6" to 18'	1/4"
SPP85.206.024L	6'6" to 24'	1/4"

HEAVY DUTY

- Max Pressure: 4000 PSI
- Max Flow 8.0 GPM
- Max Temp. 200°F

No.	Length	Hose
SPP85.205.018ALSHD	6'6" to 18'	1/4"

SUPER HEAVY DUTY

- Max Pressure: 4000 PSI
- Max Flow 8.0 GPM
- Max Temp. 200°F

No.	Length	Hose
SPP85.205.024ALSHD	6'6" to 24'	1/4"

FOAM LANCE



- 3650 PSI Max
- Stainless steel 1.2mm nozzle
- 1L chemical container
- Adjustable flow control

Part No. SPP85.490.047

TEEJET PW4000

- Max. 4000 PSI
- Max. 10 GPM
- Max. Temp: 300°F
- Safety Trigger Lock
- Insulated Handle
- Weight 18 oz.



No.	Ports	FPT	Hose	Wand	Type
SPPPW4000A-3/8X3/8	3/8"	1/4"			Non-Weep
SPPPW4000AW	3/8"	1/4"			Weep

HIGH VOLUME GUN

- Max. 4000 PSI
- Max. 12 GPM
- Max. Temp: 300°F
- Safety Trigger Lock
- Rear Entry
- Insulated Handle
- Weight 19 oz.



No.	Ports	FPT	Hose	Wand	Type
SPP85.202.109	3/8"	1/4"			Non-Weep

HYPRO ZINC PLATED SINGLE LANCE (STRAIGHT)



- Insulated Handle
- Ports: 1/4" MPT
- Max. 3600 PSI
- Zinc Plated Steel
- Max. Temp: 300°F

No.	Length
SPP3365-0005/24	24"
SPP85.202.026	36"
SPP85.202.027	47"

ZINC PLATED SINGLE LANCE (BENT)



- Insulated Handle
- Ports: 1/4" MPT
- Max. 3600 PSI
- Zinc Plated Steel
- Max. Temp: 300°F

No.	Length
SPP3365-0004/24	24"
SPP3365-0004/47	47"



PRESSURE WASHER LANCE HANDLES

- Fits all standard lances
- For better direction control

No.	Description
SPP85.202.045	Slips over lance

ANTI-FATIGUE SUTTNER ST-2605

- Relax action trigger
- Max. 5000 PSI
- Max. 12 GPM
- Max. Temp: 300° F
- Safety Trigger Lock
- Weight 20 oz.



No.	Ports	FPT	Hose	Wand
SPP85.202.020	3/8"			1/4"
SPP85.202.120				Repair Kit

HYPRO 18/W TRIGGER EASE

- Max. 4000 PSI
- Max. 9 GPM
- Max. Temp: 300°F
- Safety Trigger Lock
- Rear Entry
- Insulated Handle
- Weight 22.4 oz.



No.	Ports	FPT	Hose	Wand	Type
SPP3381-0018W	3/8"	1/4"			Weep

HYPRO 32/W TRIGGER EASE

- Max. 4000 PSI
- Max. 7 GPM
- Max. Temp: 300°F
- Safety Trigger Lock
- Rear Entry
- Insulated Handle
- Weight 17 oz.



No.	Ports	FPT	Hose	Wand	Type
SPP3381-0032W	3/8"	1/4"			Weep

ADJUSTABLE PATTERN SPRAY GUN



- Max PSI 1200
- Inlet Size 1/2"

No.	Length	Nozzle
SPP3381-0011	21"	4 mm



ADJUSTABLE PATTERN SPRAY GUN

- Max PSI 700
- Inlet Size 1/2"

No.	Length	Nozzle
SPP3381-0013	7"	3 mm

USING THE RIGHT TIPS

A pressure washer is big and bulky but it does nothing more than pack a lot of water into a wand or an outlet. Without the right kind of spray heads, your pressure washer is really of no use. It will have a single setting that won't be effective in all kinds of applications. However, with the 5 universal color coded tips, you can actually alter the pressure, spray pattern and application based on your requirement. Each of the 5 tips produces a different pattern of spray and pressure that makes it suitable for varied cleaning purposes. Here we introduce the 5 universal tips as well as give an additional tip that you can purchase.

The Red Tip

A red tip produces a 0 degree highly concentrated spray that is very powerful even on a commercial grade inexpensive pressure washer. With this tip you must be mighty careful as it has enough pressure to damage sensitive or fragile surfaces. They are best used to clean concrete and metallic surfaces off caked grime and dirt. Ensure that you do not use this tip close up to the surface. It can even scratch metallic surfaces such as those found on grills and cars.

The Yellow Tip

A yellow spray tip throws water in a 15 degree spray pattern. This is excellent for heavy duty cleaning. It works well with concrete, garage floor, walls and even roofs and drains. However, for detergent based or chemical based cleaning, this is not the most suitable tip as it can cause the chemicals to embed deep within the material's cracks and crevices.

The Green Tip

A Green tip uses a 25 degree spray pattern that is most suitable for cleaning decks, walkways, brick patios and even furniture. Cleaning a boat or ship with chemicals or washing cars with detergent requires a green tip as it produces just the right amount of GPM and PSI required for the job.

The White Tip

A white tip is also called a 40 degree tip because it produces a spray pattern of 40 degrees. This tip is most suitable to clean delicate surfaces such as stucco walls, home sidings and glossy surfaces. It does not produce a lot of pressure but has got the requisite water flow to get the job done. The White tip can be used with just about any kind of surface and with any pressure washer.

The Black Tip

A black tip generates a spray pattern of 65 degrees and it covers the most area with a very gentle stream. This tip is not suitable for cleaning purposes rather it is used to wet surfaces to apply chemicals or detergents.

A Pivoting Nozzle

With hard to reach surfaces such as soffits, under the deck, gutters and wheel wells, cleaning using any of the 5 universal tips is a hard task as the wand cannot bend enough and yet maintain the same pressure. A pivoting nozzle however lets you access such regions with ease.

A pivoting nozzle wand makes use of all the 5 universal tips but the wand itself can bend at the front in either direction up to 90 degrees. This lets you access deep crevices, cracks and hidden areas with ease while using any of the universal tips. A pivoting nozzle wand never comes as part of a pressure washer kit, you have to purchase this attachment separately.

PIVOT COUPLER



- Adjustable high pressure coupler for end of wand
- Max. 4000 PSI
- Nozzle not included

Part No. SPP85.300.172

WASHER NOZZLES

- 1000-5000 operating pressure
- 0° to 65° flat spray pattern
- Precision machined for accurate flow rates
- Hardened stainless steel construction
- QCMEG nozzles feature color coded protective nozzle guards



MEG

1/4" MPT Spray Nozzles

Size					GPM @ PSI				
	0°	15°	25°	40°	1000	2000	3000	4000	5000
020	SPP85.200.020	SPP85.215.020	SPP85.225.020	SPP85.240.020	1.00	1.41	1.73	2.00	2.24
025	SPP85.200.025	SPP85.215.025	SPP85.225.025	SPP85.240.025	1.25	1.77	2.17	2.50	2.80
030	SPP85.200.030	SPP85.215.030	SPP85.225.030	SPP85.240.030	1.50	2.12	2.60	3.00	3.35
035	-	SPP85.215.035	SPP85.225.035	SPP85.240.035	1.75	2.47	3.03	3.50	3.91
040	SPP85.200.040	SPP85.215.040	SPP85.225.040	SPP85.240.040	2.00	2.83	3.46	4.00	4.47
045	-	SPP85.215.045	SPP85.225.045	SPP85.240.045	2.25	3.18	3.90	4.50	5.03
050	SPP85.200.050	SPP85.215.050	SPP85.225.050	SPP85.240.050	2.50	3.54	4.33	5.00	5.59
055	SPP85.200.055	SPP85.215.055	-	SPP85.240.055	2.75	3.89	4.76	5.50	6.15
060	SPP85.200.060	SPP85.215.060	SPP85.225.060	SPP85.240.060	3.00	4.24	5.20	6.00	6.71
065	-	SPP85.215.065	SPP85.225.065	SPP85.240.065	3.25	4.60	5.63	6.50	7.27
070	SPP85.200.070	-	SPP85.225.070	SPP85.240.070	3.50	4.95	6.06	7.00	7.83
075	SPP85.200.075	SPP85.215.075	SPP85.225.075	-	3.75	5.30	6.50	7.50	8.39
080	SPP85.200.080	SPP85.215.080	SPP85.225.080	SPP85.240.080	4.00	5.66	6.93	8.00	8.94
085	SPP85.200.085	-	SPP85.225.085	SPP85.240.085	4.25	6.01	7.36	8.50	9.50
090	SPP85.200.090	SPP85.215.090	-	SPP85.240.090	4.50	6.36	7.79	9.00	10.06
100	SPP1/4MEG-00100	SPP1/4MEG-1510	-	SPP1/4MEG-40100	4.75	6.50	8.10	9.50	10.50

SPP85.240.300 40° MEG Soaper Nozzle



QCMEG

1/4" Quick Connect Spray Nozzles

No.					GPM @ PSI				
	0° Red	15° Yellow	25° Green	40° White	1000	2000	3000	4000	5000
020	SPP85.201.020	SPP85.216.020	SPP85.226.020	SPP85.241.020	1.00	1.41	1.73	2.00	2.24
025	SPP85.201.025	SPP85.216.025	SPP85.226.025	SPP85.241.025	1.25	1.77	2.17	2.50	2.80
030	SPP85.201.030	SPP85.216.030	SPP85.226.030	SPP85.241.030	1.50	2.12	2.60	3.00	3.35
035	SPP85.201.035	SPP85.216.035	SPP85.226.035	SPP85.241.035	1.75	2.47	3.03	3.50	3.91
040	SPP85.201.040	SPP85.216.040	SPP85.226.040	SPP85.241.040	2.00	2.83	3.46	4.00	4.47
045	SPP85.201.045	SPP85.216.045	SPP85.226.045	SPP85.241.045	2.25	3.18	3.90	4.50	5.03
050	SPP85.201.050	SPP85.216.050	SPP85.226.050	SPP85.241.050	2.50	3.54	4.33	5.00	5.59
055	SPP85.201.055	SPP85.216.055	-	SPP85.241.055	2.75	3.89	4.76	5.50	6.15
060	SPP85.201.060	SPP85.216.060	SPP85.226.060	SPP85.241.060	3.00	4.24	5.20	6.00	6.71
065	-	SPP85.216.065	SPP85.226.065	-	3.25	4.60	5.63	6.50	7.27
070	-	SPP85.216.070	SPP85.226.070	SPP85.241.070	3.50	4.95	6.06	7.00	7.83
075	-	-	-	-	3.75	5.30	6.50	7.50	8.39
080	SPP85.201.080	SPP85.216.080	SPP85.226.080	SPP85.241.080	4.00	5.66	6.93	8.00	8.94
085	-	SPP85.216.085	-	SPP85.241.085	4.25	6.01	7.36	8.50	9.50
090	SPP85.201.090	-	-	SPP85.241.090	4.50	6.36	7.79	9.00	10.06

SPP85.266.400 65° QCMEG Brass Soaper
SPP85.210.009 20' Long Range Soaper

HII/LOW VARIABLE FAN NOZZLES



- Max. temp: 300°F
- Max. pressure: 3000 PSI
- 1/4" FPT Inlet
- Variable fan pattern, 0° to 80° fan
- Push/pull for pressure adjustment
- Twist for fan adjustment

No.	Nozzle No.	Orifice Diam.		Nozzle Capacity (U.S. GPM) At Pump Pressure (PSI)											
		mm	inches	PSI											
		600	700	800	900	1000	1200	1500	1800	2000	2500	3000			
SPP3324-2001.05	3.0	1.05	.041	1.22	1.30	1.37	1.45	1.52	1.66	1.86	2.04	2.16	2.41	2.64	
SPP3324-2001.1	3.5	1.10	.043	1.35	1.43	1.52	1.60	1.68	1.84	2.06	2.26	2.39	2.67	2.91	
SPP3324-2001.2	4.0	1.20	.047	1.60	1.70	1.80	1.90	2.00	2.19	2.45	2.69	2.84	3.17	3.44	
SPP3324-2001.25	4.3	1.25	.049	1.72	1.83	1.94	2.05	2.16	2.36	2.64	2.90	3.06	3.41	3.70	
SPP3324-2001.3	4.6	1.30	.051	1.85	1.97	2.09	2.21	2.32	2.54	2.84	3.12	3.29	3.66	3.96	
SPP3324-2001.35	5.0	1.35	.053	1.97	2.10	2.23	2.36	2.48	2.71	3.04	3.34	3.52	3.92	4.23	
SPP3324-2001.4	5.3	1.40	.055	2.09	2.23	2.37	2.50	2.63	2.89	3.23	3.55	3.74	4.16	4.49	
SPP3324-2001.45	5.6	1.45	.057	2.22	2.37	2.52	2.66	2.80	3.06	3.43	3.77	3.97	4.41	4.76	

NOTE: Capacity figures shown are representative with water at 70°F
There may be variations due to power supply, temperature, viscosity, additives, etc.

SPRING LOADED ROTARY NOZZLE - PART NO. SPP85.210.140



- Can be started in any position
- Circular spray pattern maximizes pressure & impact
- Max. 5100 PSI
- Max. 110°F
- Max. 9 GPM
- 1/4" Quick Connect Inlet

RUBBER LIKE NOZZLE PROTECTOR



- Mounts between tip & lance with 1/4" MPT
- Rubber like protector
- Plated 1/4" FPT union
- Protects tip as well as surface being cleaned

No.	In / Out
-	1/4" x 1/4"

ADJUSTABLE NOZZLE HOLDER



- Rubber like thermal plastic nozzle cover
- Max. 3600 PSI
- Max. 8 GPM
- Max. 300°F
- Adapts high/low pressure nozzle function to high/low function by turning nozzle.

No.	In / Out
SPP3324-0001	1/4" FPT

MULTI-FUNCTION NOZZLE



6 different spray patterns:
0°, 15°, 25°, 40°, soap & rinse

No.	Mfg. No.	Washer HP
SPP85.210.600	85.210.600	4HP - 7HP
-	85.210.601	7HP - 11HP
SPP85.210.602	85.210.602	13HP - 15HP

SMALL ROTARY NOZZLE ASSEMBLY



- Inline high pressure filter
- Max. 3000 PSI
- Ceramic nozzle
- Max. 110°F
- Weight .90 lbs
- Max. 4 GPM
- Inlet 1/4" Male QC

No.	Description
SPP85.210.180	Assembly
SPP85.211.005	Repair Kit

MEDIUM ROTARY NOZZLE ASSEMBLY



- Inline high pressure filter
- Max. 4000 PSI
- Ceramic nozzle
- Max. 110°F
- Weight 1.08 lbs
- Max. flow 4 GPM
- Inlet 1/4" Male QC

No.	Description
SPP85.210.140	Assembly

INLINE WATER FILTER FOR ROTARY NOZZLE



- Increases the working life of the rotary nozzle
- Can be cleaned and reused
- Max. PSI: 5000
- Max. Flow: 8 GPM
- Max. Temp: 212°F

No.	In	Out
SPP85.211.006	1/4" FPT	1/4" MPT
SPP85.211.007	1/4" Insert	1/4" MPT

LARGE ROTARY NOZZLE ASSEMBLY



- Inline high pressure filter
- Max 5000 PSI
- Ceramic nozzle
- Max. 110°F
- Weight 1.78 lbs
- Max flow 4.5 GPM
- Inlet 1/4" QC

No.	Description
SPP85.210.145	Assembly

STAINLESS STEEL ROTARY ASSEMBLY



- Max 130°F
- Ceramic nozzle
- Max. 7350 PSI
- Weight 1.6 lbs
- Max. flow 5 GPM
- Inlet 1/4" QC

No.	Description
-	Assembly
SPP85.211.002	Repair Kit

1/4" FPT DRAIN CLEANING NOZZLE



Built with one front facing jet and three rear facing jets to effectively clear clogged drain pipes.

- Max. 4000 PSI
- Max. Temp: 300°F

No.	Orifice
SPP85.210.248	0.45
SPP85.210.258	0.65



BRASS FEMALE QUICK-CONNECT COUPLER

No.	Coupler x FPT
SPP85.300.183	1/8" x 1/8"
SPP85.300.102	1/4" x 1/4"
SPP85.300.103	3/8" x 3/8"
SPP85.300.153	1/2" x 1/2"



STAINLESS STEEL FEMALE QUICK-CONNECT COUPLER

No.	Coupler x FPT
SPP85.300.102S	1/4" x 1/4"
SPP85.300.103S	3/8" x 3/8"
SPP85.300.153S	1/2" x 1/2"



**BRASS FEMALE QUICK-CONNECT COUPLER
STAINLESS STEEL SLEEVE**

No.	Coupler x FPT
SPP85.300.114	1/4" x 1/4"
SPP85.300.115	3/8" x 3/8"



BRASS MALE QUICK-CONNECT COUPLER

No.	Coupler x MPT
SPP85.300.187	1/8" x 1/8"
SPP85.300.107	1/4" x 1/4"
SPP85.300.108	3/8" x 3/8"
SPP85.300.152	1/2" x 1/2"



STAINLESS STEEL MALE QUICK-CONNECT COUPLER

No.	Coupler x MPT
SPP85.300.107S	1/4" x 1/4"
SPP85.300.108S	3/8" x 3/8"
SPP85.300.152S	1/2" x 1/2"



**SCREW TYPE "Q/C" FITTING
Fits Karcher**

No.	MM x Pitch	FPT
SPP85.300.124	M22 x 1-1/2P	1/4"
SPP85.300.125	M22 x 1-1/2P	3/8"



FEMALE PLUG BRASS

No.	FPT x Insert
SPP85.300.101B	1/4" x 1/4"
SPP15254B	3/8" x 3/8"
SPPQD-BSTN8-8F	1/2" x 1/2"



MALE PLUG BRASS

No.	MPT x Insert
SPP85.300.105B	3/8" x 3/8"
SPPQD-BSTN8-8M	1/2" x 1/2"



**SCREW TYPE "Q/C" FITTING
Fits Karcher**

No.	MM x Pitch	MPT
SPP85.300.135	M22 x 1-1/2P	1/4"
SPP85.300.136	M22 x 1-1/2P	3/8"



FEMALE PLUG PLATED STEEL

No.	FPT x Insert
SPP85.300.101	1/4" x 1/4"
SPP85.300.104	3/8" x 3/8"
SPP85.300.151	1/2" x 1/2"



MALE PLUG PLATED STEEL

No.	MPT x Insert
SPP85.300.185H	1/8" x 1/8"
SPP85.300.109	1/4" x 1/4"
SPP85.300.105	3/8" x 3/8"
SPP85.300.150	1/2" x 1/2"



**SCREW TYPE DISCONNECT FITTING
Fits Karcher**

No.	MM x Pitch	FPT
SPP85.300.126	M22 x 1-1/2P	1/4"
SPP85.300.127	M22 x 1-1/2P	3/8"



FEMALE PLUG STAINLESS STEEL

No.	FPT x Insert
SPP85.300.101S	1/4" x 1/4"
SPP85.300.104S	3/8" x 3/8"
SPP85.300.151S	1/2" x 1/2"



MALE PLUG STAINLESS STEEL

No.	MPT x Insert
SPP85.300.109S	1/4" x 1/4"
SPP85.300.105SS	3/8" x 3/8"
SPP85.300.150S	1/2" x 1/2"



**SCREW TYPE DISCONNECT FITTING
Fits Karcher**

No.	MM x Pitch	MPT
SPP85.300.132	M22 x 1-1/2P	1/4"
SPP85.300.133	M22 x 1-1/2P	3/8"



**INSULATED KNOB
Fits Karcher**

No.	MM x MM
SPP85.300.146	M22F x M22F



**INSULATED KNOB x STEEL PLUG
Fits Karcher**

No.	MM x Plug
SPP85.300.142	M22 x 3/8" Q/C



3/8" FEMALE BRASS COUPLER

No.	Coupler x FPT
SPP78119	3/8" x 3/8"


NYLON SWIVEL

Max. 150 PSI

No.	MGHT x HB
SPP25990-GGH-NYB	3/4" x 1/2"


BRASS ADAPTER

BSFPT x HB

No.	BSFPT x HB
SPP162.604.2A	1/2" x 3/8"
SPP162.604.3A	1/2" x 1/2"


STAINLESS STEEL HIGH PRESSURE SWIVEL

- Max. 4000 PSI
- Max. 200°F
- Buna-N Seal

No.	MPT x FPT
SPP85.300.113	1/4" x 1/4"
SPP85.300.112	3/8" x 3/8"


BRASS HIGH PRESSURE SWIVEL

- Max. 4000 PSI
- Max. 200°F
- Buna-N Seal

No.	MPT x FPT
SPP85.300.111	1/4" x 1/4"
SPP85.300.110	3/8" x 3/8"


ROLE OVER NOZZLE

- Max. 3000 PSI
- 1/4" FPT Ports
- Max. 7 GPM
- Stainless steel
- Weight .36 lbs

No.	Ports
SPP85.300.111	1/4" FPT


HYPRO BRASS CHECK VALVE

No.	Mfg. No.	FPT
SPP3320-0021	3320-0021	1/4"
SPP3320-0011	3320-0011	1/2"


BRASS MALE GARDEN HOSE TO PLUG

No.	MGHT x Plug
SPP85.300.137	3/4" x 1/2"


BRASS HEX GARDEN HOSE ADAPTER ASSEMBLY

- SS #60 Mesh filter
- 1/4" port

No.	FGHT x MPT
SPP85.300.128	3/4" x 3/8"
SPP85.300.119	3/4" x 1/2"


GAUGE KIT

- Check system performance
- Install on pump outlet
- Max. 5000 PSI
- 3/8" Q/C Plug
- 3/8" Q/C Socket

No.	Coupler	Plug
SPP85.305.001	3/8"	3/8"


QUICK CONNECT O-RINGS

No.	Size
SPP85.309.102V	1.4"


3/4" FEMALE GARDEN HOSE RIGID COUPLER

No.	FGHT x Coupler
SPP85.300.138	3/4" x 1/2"


NOZZLE ADAPTER

Adapts Hi-Lo and Spray-Flex nozzles

No.	In	Out
SPP3373-0017	1/4" FPT	1/8" MPT


"E-Z START" VALVE

- Inlet 3/8" MPT
- Outlet 1/4" HB
- Weight .30 Lbs

No.	Description
SPP85.300.035	"E-Z Start" Valve


THERMAL VALVE

- Max. 125 PSI
- Max. 145°F
- Max. 25 GPM
- Inlet 3/8" MPT
- Weight .10 lbs

No.	Type	Size
SPP85.300.023	90°	3/8"
SPP85.300.024	90°	1/2"


SAFETY RELIEF VALVE

- Max 6000 PSI
- Max. 195°F
- Max. 6 GPM
- Inlet 3/8" MPT
- Weight .30 lbs

No.	Relief Valve
-	Inlet 3/8" MPT


PIVOT COUPLER

- Adjustable high pressure coupler for end of wand
- Max. 4000 PSI
- Nozzle not included

Part No. SPP85.300.172
PRESSURE WASHERS & ACCESSORIES



**MV540
UNLOADER**

- Max 2000 PSI
- Max 200°F
- Max 8 GPM
- Ports 3/8" MPT
- Bypass 3/8" FPT
- Weight .90 lbs

No.	Description
SPP85.300.003	Unloader
SPP85.301.002	Repair Kit
SPP119740010	Black Handle



**MV550
UNLOADER**

- Max 3500 PSI
- Max 200°F
- Max 7.8 GPM
- Ports 3/8" FPT
- Bypass 3/8" FPT
- Weight 1.65 lbs

No.	Description
SPPAL607	Unloader
SPP85.301.005	Repair Kit
SPP119000010	Black Handle
SPP85.300.010	Seal Kit



**HYPRO
UNLOADER**

- 200-1500 PSI
- Max 8 GPM
- 3/8" MPT
- Buna-N cup
- 200°F

No.	Mfg. No.	PSI
SPP3390-0063D	3390-0063D	200-600
SPP3390-0067D	3390-0067D	800-1500



**VRT3
"E-Z START"
UNLOADER**

- Built-in thermal valve
- Adjustable chemical injector
- Max 4500 PSI
- Max 194°F
- Max 8 GPM
- Ports 3/8" MPT
- Bypass 1/4" FPT
- Weight 2.2 lbs

No.	Description
SPP85.300.036	Unloader



**MV595/B
"E-Z START"
UNLOADER**

- Built-in thermal valve (145°F) and safety valve
- Max 4000 PSI
- Max 140°F
- Max 8 GPM
- Ports 3/8" MPT
- Bypass 1/4" FPT
- Weight 2.4 lbs

No.	Description
SPP85.300.037	MV595 Valve (FPT)
SPP85.300.012	MV595B Valve (MPT)
SPP85.301.005	Repair Kit
SPP85.300.010	Seal Kit
SPP0212102900	Thermal Repair Kit



**HYPRO
UNLOADER**

- 3000 PSI
- 8 GPM Unloader
- 1/2" MPT Inlet
- 3/8" MPT Inlet

No.	Mfg. No.	PSI
SPP3390-0083	3390-0083D	3000

HYPRO UNLOADER / BYPASS SYSTEMS



No.	Mfg. No.	Max PSI	Max GPM	Max Temp	Ports	Inlet(NPT)	Outlet(NPT)	Adj. Knob	Weight
-	8000-0007	400-1000	5.0	200°F	3	1/2"(F)	3/8"(F)	Yes	14 oz.
Unloader / Bypass System with built in chemical injector for 2200 / 2300 Series Powerline pumps									
SPP3390-0104/3A	3390-0104/3A	2600	2.0-3.2	200°F	2	1/2"(F)	3/8"(F)	Yes	2 lbs.
SPP3390-0104/3B	3390-0104/3B	2600	3.2-4.0	200°F	2	1/2"(F)	3/8"(F)	Yes	2 lbs.
SPP3390-0105	3390-0105	3200	8.0	200°F	2	1/2"(F)	3/8"(F)	Yes	2 lbs.

HYPRO ADJUSTABLE CHEMICAL INJECTORS



ADJUSTABLE CHEMICAL INJECTOR

- Max pressure: 3200 PSI
- Max temp: 200°F
- 3/8" MPT Inlet
- 3/8" MPT Outlet

No.	Mfg. No.	GPM
Inlet 3/8" MPT / Outlet 3/8" MPT		
SPP3396-0030/1.8	3396-0030/1.8	0 to 2.9
SPP3396-0030/2.1	3390-0030/2.1	3.0 to 4.0
Inlet 3/8" FPT / Outlet 3/8" MPT		
SPP3396-0031/1.8	3396-0031/1.8	0 to 2.9
SPP3396-0031/2.1	3396-0031/2.1	3.0 to 4.0
SPP3396-0031/2.3	3396-0031/2.3	4.0 to 5.0
Inlet 3/8" MPT / Outlet 3/8" FPT		
SPP3396-0032/1.8	3396-0032/1.8	0 to 2.9



**POWERLINE
ADJUSTABLE
LIQUID INJECTOR**

- Quality brass/stainless steel injector assembly
- 9-step calibrated metering for Hypro Series 2200 and 2300
- 1/8" FPT inlet port

No.	Mfg. No.	Description
SPP3396-0011	3396-0011	2200 & 2300

CHEMICAL SUCTION FILTER



- Filters out abrasives found in chemicals and cleaning agents
- 1/4" hose barb

No.	Description
SPP85.300.051	Grey w/ Check Valve
SPP3350-0127	Black - No Check Valve
SPP3350-0126	Black w/Check Valve
-	5/16" HB Filter

CHEMICAL INJECTOR STRAINER



- Corrosion resistant stainless steel construction
- 1/4" hose barb

No.	Mfg. No.	Type
SPP3350-0128	3350-0128	Check Valve

FLOAT TANK STRAINER



- 1/2" Tank Outlet
- 1/2" MPT Outlet

No.	Description
SPP3800-0074	3800-0074

FLOAT VALVES



- Max. temp: 140°F
- 3/4" male inlet

No.	Type	Max PSI
-	Plastic	50
SPP3321-0002	Brass	145

FLOAT TANKS



- Max. temp: 140°F
- 4 3/4" x 10 1/4" x 8" size
- With cover and internal baffle
- 4/5 gallon capacity
- Float valves see page 115

No.	Mfg. No.
SPP1530-0008	1530-0008

VACUUM SWITCH



- Vac-On Switch automatically shuts off motor when liquid is depleted or vacuum drops to a specific level
- Max. 140°F

No.	Mfg. No.	Vac-On
SPP2510-0001	2510-0001	1.5 Hg Vac
SPP2510-0007	2510-0007	2.5 Hg Vac
-	2510-0017	4.5 Hg Vac

PULSATION DAMPERS



- Protects your system from damage due to pulsation and vibration.
- Recommended dampener charge is 2/3 of the operating pressure with a 3 piston pump. Check pump manufacture to be sure
- Charged to 200 PSI with dry Nitrogen. Your local welder should be able to assist you if you need a higher pressure

No.	FPT	Max GPM	Max PSI
SPP3375-0017-2	1/2"	6	1500
SPP3375-0015.2	1"	35	1500

PULSATION DAMPENING CHECKER



Used to test the charge pressure in pulsation dampeners. The proper charge will ensure maximum life and performance of pressure systems.

- Max. PSI: 2000
- 5/16" 32 UNEF (F) connection thread

No.	Mfg. No.
SPP2642-0001	2642-0001

WATER INLET FILTER



- Max. 170 PSI
- Max. 180°F
- Max. 10 GPM
- Easy access
- 1" x 50 Stainless steel screen
- Housing with 1/4" male plugs
- Plastic blue cap
- Port plugs

No.	Description
SPP85.300.058	1/2" FPT x 1/2" MPT

WATER INLET FILTER KIT



- 5" housing
- 25 micron filter
- Mounting bracket
- Spanner wrench
- Weight 2.85 lbs

No.	Description
SPP85.300.059	Complete Unit

FLOW SWITCH



- Vertical (no spring) or Horizontal (spring loaded) mount
- Max. 3500 PSI
- Max. Flow 7.8 GPM
- Max. Temp. 180°F
- Vertical type 3/8" FPT Ports
- Horizontal type 3/8" FPT Ports

No.	Mfg. No.	Type
SPP2510-0030	2510-0030	Vertical

PRESSURE SWITCH



- Activates at 580 PSI
- Max. 4100 PSI
- Max. Temp. 200°F
- Voltage 12-250
- Max. Amps 15
- 1/4" MPT

No.	Mfg. No.	Vac-On
SPP85.300.082	2510-0029	12-250V

LOW PRESSURE CHEMICAL KIT



- Placed on outlet side
- Siphoning design aids cleaning by drawing out chemicals or soap
- For use with low pressure nozzles
- Flow: 3 - 5 GPM

No.	Description
SPP85.400.001	Kit as illustrated

HIGH PRESSURE CHEMICAL KIT



- Placed on inlet side
- Used to provide soap discharge at pressure washers max pressure
- Max. 3500 PSI
- Max. 180°F
- Max. 8 GPM

No.	Description
SPP85.400.003	Kit as illustrated

CHEMICAL HOSE ASSEMBLY



- Filter included

No.	Description
SPP85.400.005	3' Assembly
SPP85.400.013	4' Assembly
SPP85.400.006	6' Assembly

STRAINERS SUPPLIED LESS SCREEN - PURCHASE SCREEN SEPARATELY

1/2" & 3/4" TEEJET STRAINERS



COMPACT POLY STRAINER

- Poly head & bowl
- Screen size 2 3/4" x 1 1/8"
- EPDM O-ring
- Max. 150 PSI
- Max. 100°F

No.	FPT	Description
SPPAA122-1/2-PP	1/2"	Poly Strainer (less screen)
SPPAA122ML-1/2-PP-30	1/2"	Poly Strainer (30 Mesh Screen)
SPPAA122-3/4-PP-50	3/4"	Poly Strainer (less screen)
SPPAA122-1/2-PP-50	1/2"	Poly Strainer (50 Mesh Screen)

1/2" & 3/4" PARTS

No.	Description
SPPCP23174-1-304SS	16 Mesh Screen
SPPCP23174-2-304SS	30 Mesh Screen
SPPCP45102-3-SSPP	50 Mesh Screen
SPPCP45102-4-SSPP	80 Mesh Screen
SPPCP45102-5-SSPP	100 Mesh Screen
SPPCP23174-7-304SS	200 Mesh Screen
SPPCP23171-1/2-PP	1/2" Poly Head
SPPCP23171-3/4-PP	3/4" Poly Head
SPPCP23173-EPR	EPDM Gasket
SPPCP23172-PP	Polyprop. Bowl

3/4" & 1" TEEJET STRAINERS



POLY

- Poly head & bowl
- Screen size 5 3/4" x 1 3/8"
- EPDM O-ring
- Max. 200 PSI
- Max. 100°F

No.	FPT	Description
SPP50490-1-126ML-3	3/4"	Poly Strainer (less screen)
SPP50490-1-126ML-4	1"	Poly Strainer (less screen)
SPP50490-1-126ML-F50	F50	Poly Flange Strainer (less screen)



ALUMINUM

- Aluminum head
- Nylon body
- Screen size 5 3/4" x 1 3/8"
- EPDM O-ring
- Max. 150 PSI
- Max. 100°F

No.	FPT	Description
SPPAA124A-3/4-AL	3/4"	Alum. Strainer (less screen)
SPPAA124A-1-AL-100	1"	Alum. Strainer (less screen)

1 1/4" & 1 1/2" TEEJET STRAINERS



NYLON

- Nylon head & bowl
- Screen size 7 7/8" x 2 1/4"
- EPDM O-ring
- Max. 200 PSI
- Max. 100°F

No.	FPT	Description
SPP48650-1-126ML-5	1 1/4"	Poly Strainer (less screen)
SPP48650-1-126ML-6	1 1/2"	Poly Strainer (less screen)
SPP48650-1-126ML-F75	F75	Poly Flange Strainer (less screen)



ALUMINUM

- Aluminum head
- Nylon bowl
- Screen size 7 7/8" x 2 1/4"
- EPDM O-ring
- Max. 150 PSI
- Max. 100°F

No.	FPT	Description
SPP38183-124-1-1/4-AL	1 1/4"	Alum. Strainer (less screen)
SPPAA124-11/2-AL	1 1/2"	Alum. Strainer (less screen)

2" & 2 1/2" TEEJET STRAINERS

ALUMINUM



- Aluminum head
- Nylon bowl
- Screen size 9 3/4" x 3 3/8"
- EPDM O-ring
- Max. 150 PSI
- Max. 100°F

No.	FPT	Description
SPPAA124-2-AL	2"	Alum. Strainer (less screen)
SPPAA124-2-1/2-AL-16	2 1/2"	Alum. Strainer (less screen)

2" & 2 1/2" STRAINER PARTS

No.	Description
SPPCP14634-1-SS	16 Mesh Screen
SPPCP14634-2-SS	30 Mesh Screen
SPPCP14634-3-SS	50 Mesh Screen
SPPCP14634-4-SS	80 Mesh Screen
SPPCP14634-8-SS	100 Mesh Screen
-	2" Aluminum Head
SPPCP14632-2-1/2-AL	2 1/2" Aluminum Head
SPPCP14633-BU	Buna-N O-ring
-	Viton O-ring
SPPCP14635-NY	Nylon Bowl

3/4" & 1" STRAINER PARTS

No.	Description
SPPCP16903-1-SSPP	16 Mesh Screen
SPPCP16903-2-SSPP	20 Mesh Screen
SPPCP16903-3-SSPP	30 Mesh Screen
SPPCP16903-4-SSPP	50 Mesh Screen
SPPCP16903-5-SSPP	80 Mesh Screen
SPPCP16903-6-SSPP	100 Mesh Screen
SPPCP16903-7-SSPP	200 Mesh Screen
SPP2075P-3/4	3/4" Poly Head
SPPCP50492-1-PP	1" Nylon Head
-	3/4" Aluminum Head
SPPCP15402-1-AL	1" Aluminum Head
SPPCP48655-PP	Flush Cap
SPPCP63150-EPR	Flush Cap Gasket
SPP2043	EPDM O-ring
SPPCP50494-EPR	Gasket
SPP2037	Viton O-ring
SPPCP50493-PP	Poly Bowl

1 1/4" & 1 1/2" STRAINER PARTS

No.	Description
SPPCP15941-1-SSPP	16 Mesh Screen
SPPCP15941-2-SSPP	30 Mesh Screen
SPPCP15941-3-SSPP	50 Mesh Screen
SPPCP15941-4-SSPP	80 Mesh Screen
SPPCP15941-5-SSPP	100 Mesh Screen
SPPCP15941-6-SSPP	120 Mesh Screen
SPPCP63065-1-1/4-PP	1 1/4" Nylon Head
SPPCP15016	1 1/2" Nylon Head
-	1 1/4" Alum. Head
-	1 1/2" Alum. Head
SPPCP12291-BU	Buna-N O-ring
SPPCP12291-VI	Viton O-ring
Bowl for Cast Iron & Alum. Heads - 150 PSI	
SPPCP12288-3-NY	Reinforced Nylon Bowl
SPPCP48654-PP	Polypropylene Bowl

STRAINERS / FILTERS

- Extends your spraying time with a self cleaning feature that minimizes clogging.
- Uses excess pump flow to bypass clogging particles back to tank.
- In order to flush out strainer a minimum of 6 GPM (3/4" & 1") and 8 GPM (1 1/4" & 1 1/2") flow is required through the by pass line.

3/4", 1", 1 1/4" & 1 1/2" POLY SELF-CLEANING STRAINERS



- Nylon head & bowl
- 3/4" & 1" screen size 5 3/4" x 1 1/2"
- 1 1/4" & 1 1/2" screen size 7 1/8" x 2 1/4"
- EPDM O-ring
- Max. 110 PSI
- Max. 100°F

No.	FPT	Description
SPPAA126MLSC-3	3/4"	Strainer less screen
SPPAA126ML-3-50	3/4"	Strainer with 50 Mesh Screen
SPPAA126MLSC-4	1"	Strainer less screen
SPPAA126ML-4-50	1"	Strainer with 50 Mesh Screen
SPPAA126MLSC-5	1 1/4"	Strainer less screen
SPPAA126ML-5-50	1 1/4"	Strainer with 50 Mesh Screen
SPPAA126MLSC-6	1 1/2"	Strainer less screen
SPPAA126ML-6-50	1 1/2"	Strainer with 50 Mesh Screen

3/4", 1", 1 1/4" & 1 1/2" ALUMINUM SELF-CLEANING STRAINERS



- Aluminum head
- Reinforced nylon bowl
- 3/4" & 1" screen size 5 3/4" x 1 1/2"
- 1 1/4" & 1 1/2" screen size 7 1/8" x 2 1/4"
- EPDM Gasket
- Max. 100°F
- Max. 150 PSI

No.	FPT	Description
SPPAA124A-3/4SC-AL	3/4"	Strainer less screen
SPPAA124A-1SC-AL	1"	Strainer less screen
SPPAA124-11/4SC-AL	1 1/4"	Strainer less screen
SPPAA124-11/2SC-AL	1 1/2"	Strainer less screen

SCREENS FOR 3/4" & 1" SELF CLEANING STRAINERS

No.	Description
SPPCP12285-1-SS	16 Mesh Screen
SPPCP12285-4-SS	30 Mesh Screen
SPPCP12285-2-SS	50 Mesh Screen
SPPCP12285-3-SS	80 Mesh Screen
SPPCP12285-6-SS	100 Mesh Screen
SPPCP12285-5-SS	200 Mesh Screen

3/4" & 1" Strainer Replacement Parts

SPP2075P-3/4	3/4" Nylon Head
SPPCP50492-1-PP	1" Nylon Head
-	3/4" Aluminum Head
SPPCP15402-1-AL	1" Aluminum Head
SPP2043	EPDM Head O-ring
SPP2037	Viton Head O-ring
SPPCP15403-1-NY	Reinforced Nylon Bowl
SPPCP22406-NYB	Bypass Adapter
SPPCP7717-2/121-VI	Viton Adapter O-ring
SPPCP7717-2/121-EPR	EPDM Adapter O-ring

SCREENS FOR 1 1/4" & 1 1/2" SELF CLEANING STRAINERS

No.	Description
SPPCP12290-1-SS	16 Mesh Screen
SPPCP12290-2-SS	30 Mesh Screen
SPPCP12290-3-SS	50 Mesh Screen
SPPCP12290-4-SS	80 Mesh Screen
SPPCP12290-8-SS	100 Mesh Screen
SPPCP12290-7-SS	200 Mesh Screen

1 1/4" & 1 1/2" Strainer Replacement Parts

SPPCP63065-1-1/4-PP	1 1/4" Nylon Head
SPPCP15016	1 1/2" Nylon Head
-	1 1/4" Aluminum Head
-	1 1/2" Aluminum Head
SPPCP48656-EPR	EPDM Gasket*
SPPCP48656-VI	Viton Gasket*
SPPCP12291-BU	Buna-N Head O-ring**
SPPCP12291-VI	Viton Head O-ring**
SPPCP21035-NY	Reinforced Nylon Bowl
SPPCP22835-NYB	Inner Cylinder
SPPCP22836-NYB	Bypass Adapter

* For poly strainers

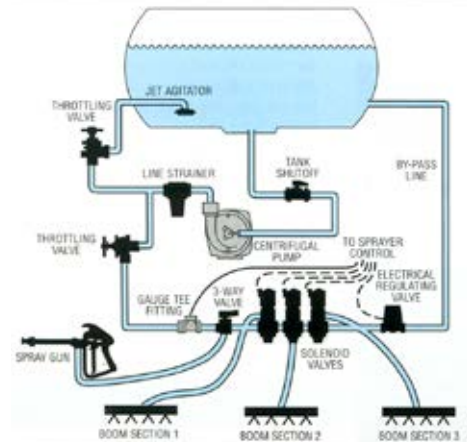
** For aluminum strainers

Liquid Inlet Liquid Outlet



High velocity liquid stream between cylinder and screen provides continuous wash down of particles to bypass line.

Bypass



COMPACT FLUSH OUT STRAINER TEEJET STRAINERS



1/2" & 3/4" Ports

- Polypropylene head & bowl
- Screen size 2 3/4" x 1 1/8"
- EPDM Head gasket
- Buna-N O-ring
- Max. 100°F, 150 PSI
- 3/8" Flush out port

No.	FPT	Description
SPP37270-122-1/2-PP	1/2"	Poly Strainer (less screen)
SPP37270-122-3/4-PP	3/4"	Poly Strainer (less screen)

SCREENS FOR 1/2" & 3/4" FLUSH OUT STRAINERS

No.	Description
SPPCP23174-1-304SS	16 Mesh Screen
SPPCP23174-2-304SS	30 Mesh Screen
SPPCP45102-3-SSPP	50 Mesh Screen
SPPCP45102-4-SSPP	80 Mesh Screen
SPPCP45102-5-SSPP	100 Mesh Screen
SPPCP23174-7-304SS	200 Mesh Screen

Compact Strainer Replacement Parts

SPPCP23171-1/2-PP	1/2" Poly Head
SPPCP23171-3/4-PP	3/4" Poly Head
SPPCP23173-EPR	EPDM Head Gasket
SPPCP23173-VI	Viton Head Gasket



BANJO 1/2" & 3/4" PORTS

- Poly construction
- 1/4" Drain Plug • EPDM Gasket
- Max. 75 PSI at 70°F
- Max 180°F

No.	Description
SPPLS050B/C1	1/2" FPT Strainer (less screen)
SPPLS075B/C1	3/4" FPT Strainer (less screen)
SPPLST100-50	1" Strainer (50 Mesh Screen)
SPPLST100-80	1" Strainer (80 Mesh Screen)
SPPLST100-100	1" Strainer (100 Mesh Screen)
1/2" & 3/4" 304SS Strainer Screens	
SPPLS720	20 Mesh Screen
SPPLS740	40 Mesh Screen
SPPLS780	80 Mesh Screen
1/2" & 3/4" Strainer Parts	
SPPLS075-G	End Cap EPDM Gasket
SPPLS075-GV	Viton Gasket
SPPLS075-C1	End Cap
SPP12723	1/4" Drain Plug
SPP12724	EPDM Drain Plug O-ring



BANJO 1" & 1 1/4" PORTS

- Poly construction
- 1/2" Drain Plug • EPDM Gasket
- Max. 75 PSI at 70°F
- Max 180°F

No.	Description
SPPLS100B/C1	1" Strainer (less screen)
SPPLS125B/C1	1 1/4" Strainer (less screen)
1" & 1 1/4" 304SS Strainer Screens	
SPPLS120	20 Mesh Screen
SPPLS140	40 Mesh Screen
SPPLS180	80 Mesh Screen
1" & 1 1/4" Strainer Parts	
SPPLS100-G	EPDM End Cap Gasket
SPPLS100-GV	Viton Gasket
SPPLS100-C1	End Cap
SPP12777	1/2" Drain Plug
SPPUV15163	Plug O-ring - EPDM
SPPUV15163V	Plug O-ring - Viton
SPPLS125G	Screen O-ring - EPDM



BANJO 1 1/2" & 2" PORTS

- Poly construction
- 1" Drain Plug • EPDM Gasket
- Max. 150 PSI at 70°F
- Max 180°F

No.	Description
SPPLS150B/C	1 1/2" Strainer (less screen)
SPPLS200B/C	2" Strainer (less screen)
SPPLS200-50	2" Strainer with 50 Mesh Screen
SPPLS200-80	2" Strainer with 80 Mesh Screen
1 1/2" & 2" 304SS Strainer Screens	
SPPLS206	6 Mesh Stainless Steel
SPPLS212	12 Mesh Stainless Steel
SPPLS220	20 Mesh Stainless Steel
SPPLS230	30 Mesh Stainless Steel
SPPLS250	50 Mesh Stainless Steel
SPPLS280	80 Mesh Stainless Steel
SPPLS2100	100 Mesh Stainless Steel
SPPLS2120	120 Mesh Stainless Steel
SPPLS212P	12 Mesh Poly Black
SPPLS220P	20 Mesh Poly Tan
1 1/2" & 2" Strainer Parts	
SPPLS150-G	EPDM O-ring New Style
SPPLS150-GV	Viton O-ring New Style
SPPLS200-G	EPDM O-ring
SPPLS200-GV	Viton O-ring
SPPLS150-C	New Style End Cap
SPPLSQ200-PL	1" Drain Plug
SPPLSQ200-R	1" Plug O-ring - EPDM
SPPLSQ200-RV	1" Plug O-ring - Viton
SPPLS141G	2" Screen O-ring - EPDM



BANJO 3/4" & 1" PORTS

- Heavy Duty Glass Reinforced Polypropylene
- 304 Stainless Steel Reinforced Screens 5 3/4" x 1 3/4"
- EPDM Gasket • Clean out plug
- Max. 150 PSI at 70°F

No.	Description
SPPLST075-HB	3/4" Strainer (less screen)
SPPLST100-HB	1" Strainer (less screen)
3/4" & 1" 304SS Strainer Screens	
SPPLST116	16 Mesh Screen
SPPLST130	30 Mesh Screen
SPPLST150	50 Mesh Screen
SPPLST180	80 Mesh Screen
SPPLST1100	100 Mesh Screen
3/4" & 1" Strainer Parts	
SPPLST075-H	3/4" Poly Head
SPPLST100-H	1" Poly Head
SPPLST100-B	3/4" & 1" Bowl
SPPLST100-G	3/4" & 1" Gasket
SPPLST100-GV	3/4" & 1" Viton Gasket
SPP12777	1/2" Clean-out Plug
SPPUV15163	Plug O-ring - EPDM
SPPUV15163V	Plug O-ring - Viton
SPP13778	Screen O-ring - EPDM



BANJO 1 1/4" & 1 1/2" PORTS

- Heavy Duty Glass Reinforced Poly
- Clean Out Plug • EPDM Gasket
- 304 Stainless Steel Reinforced Screens 7 15/16" x 2 1/4"
- Max. 150 PSI at 70°F

No.	Description
SPPLST125-HB	1 1/4" Strainer (less screen)
SPPLST150-HB	1 1/2" Strainer (less screen)
SPPLST150-50	1-1/2" Strainer (50 Mesh Screen)
SPPLST150-80	1-1/2" Strainer (80 Mesh Screen)
1 1/4" & 1 1/2" 304SS Strainer Screens	
SPPLST1516	16 Mesh Screen
SPPLST1530	30 Mesh Screen
SPPLST1550	50 Mesh Screen
SPPLST1580	80 Mesh Screen
SPPLST15100	100 Mesh Screen
1 1/4" & 1 1/2" Strainer Parts	
SPPLST125-H	1 1/4" Poly Head
SPPLST150-H	1 1/2" Poly Head
SPPLST150-B	Bowl 1 1/4" & 1 1/2" Strainer
SPPLST150-G	1 1/4" & 1 1/2" EPDM Gasket
SPPLST150-GV	1 1/4" & 1 1/2" Viton Gasket
SPPLSQ200-PL	Clean-out Plug
SPPLSQ200-R	Plug O-ring - EPDM
SPPLSQ200-RV	Plug O-ring - Viton
SPPLST034G	Screen O-ring - EPDM



BANJO POLY LSQ SERIES

1 1/2" & 2" STRAINER

- Cam lever cap
- 1" Plug in cap for flushing or draining
- EPDM Gasket
- Max. 50 PSI

No.	Description
SPPLSQ150-B/C	1 1/2" Strainer (less screen)
SPPLSQ200-B/C	2" Strainer (less screen)
1 1/2" & 2" LSQ Strainer Screens	
SPPLS206	6 Mesh Screen
SPPLS212	12 Mesh Screen
SPPLS220	20 Mesh Screen
SPPLS230	30 Mesh Screen
SPPLS250	50 Mesh Screen
SPPLS280	80 Mesh Screen
1 1/2" & 2" LSQ Strainer Parts	
SPPLSQ200-G	EPDM Cap Gasket
SPP1061C	Cap for 1 1/2" & 2" Strainer
SPPPLUG100	1" Clean out plug
SPPLSQ200-R	Plug O-ring - EPDM
SPPLSQ200-RV	Plug O-ring - Viton
SPP2535SS	SS Cam Arm
SPP300P	SS Cam Pin
SPP1061-11/2	1 1/2" Body
SPP1061-2	2" Body
SPP150RING	Ring

2" "T" LINE STRAINER - POLY / STAINLESS COMBO



- 316 stainless steel head
- Viton gaskets
- Glass reinforced poly bowl
- 150 PSI at 70°F
- Clean-out plug

Parts for 2" "T" Strainer	
-	2" SS Head
SPPLST200-B	2" Poly Bowl
SPPLST200-GV	2" Viton Gasket
SPPLSQ200-PL	Clean out plug
SPPLSQ200-RV	Plug O-ring - Viton

No.	Description
SPPLST200-HBSS	2" SS Strainer (less screen)
2" 316SS Strainer Screens	
SPPLST204SS	4 Mesh Screen
SPPLST206SS	6 Mesh Screen
SPPLST208SS	8 Mesh Screen
SPPLST210SS	10 Mesh Screen
SPPLST216SS	16 Mesh Screen
SPPLST230SS	30 Mesh Screen
SPPLST250SS	50 Mesh Screen
SPPLST280SS	80 Mesh Screen
SPPLST2100SS	100 Mesh Screen



BANJO 3" STAINLESS STEEL "Y" STRAINER

- EPDM Gasket
- Corrosion Resistant
- Max 200 PSI
- Stainless steel screen 6 1/4" x 3 1/2"

No.	Description
SPPLSS300-BC	3" SS Strainer (less screen)
3" SS Strainer Screens	
SPPLSS308	8 Mesh Screen
SPPLSS330	30 Mesh Screen
SPPLSS350	50 Mesh Screen

3" SS Strainer Parts	
SPPLSS300-S	Screen Seal (2 req)
SPPLSS300-G	Cap Gasket
SPPLSS300-H	Handle / Clamp Assembly
SPPLSS300-B	3" SS Body
SPPLSS300-C	3" SS Cap

BANJO 3" POLY STRAINER

- High volume
- Max 50 PSI
- EPDM Gasket
- 1/2" drain plug in cap
- SS screen 9 1/8" x 4 1/8" and cap clamp

No.	Description
SPPLSM300BC	3" Strainer (less screen)
SPPLSM300-50	3" Strainer (50 Mesh Screen)
3" Strainer Screens	
SPPLS304	4 Mesh Screen
SPPLS308	8 Mesh Screen
SPPLS312	12 Mesh Screen
SPPLS320	20 Mesh Screen
SPPLS350	50 Mesh Screen

3" Strainer Parts	
SPPLS300EC	3" Cap
SPPLS300-G1	EPDM Gasket (Old style)
SPPMLS300G	3" Strainer Cap Gasket
SPPLS300-GV1	Viton Gasket
-	"Y" 3" Body

NORWESCO Y STRAINERS

- Glass re-inforced polypropylene.
- Protects and prevents clogging of pipelines, pumps and spray tips.
- Easy access for cleaning.
- Standard with EPDM gaskets.

No.	Description
SPP64273	1-1/2" Y Strainer with 50 Mesh Over-Molded Screen
SPP62340	3" Y Strainer with 40 Mesh Screen



SPP64273



SPP62340



MANIFOLD "T" STRAINER 1" FULL PORT

- EPDM Gasket
- Max 150 PSI
- Flange 1" ID x 2" OD

No.	Description
SPPMLST100-HB	1" FP Strainer less screen
1" 304SS Screens	
SPPLST116	16 Mesh Screen
SPPLST130	30 Mesh Screen
SPPLST150	50 Mesh Screen
SPPLST180	80 Mesh Screen
SPPLST1100	100 Mesh Screen
1" FP Manifold Strainer Parts	
SPPMLST100-H	1" Flanged T Strainer Head
SPPLST100-B	1" T Strainer Bowl
-	1" T Clear Bowl
SPP12777	Plug for 1" Strainer
SPPUV15163	O-ring for 1" T Strainer
SPPST100-G	EPDM Gasket for 1" Strainer
SPPLST100-GV	Viton Gasket for 1" Strainer



MANIFOLD "T" STRAINER FLANGED 1 1/2" PORT

- EPDM Gasket
- Max 150 PSI
- Flange 1 1/2" ID x 3 3/4" OD

No.	Description
SPPMLST150-HB	1 1/2" FP Strainer less screen
1 1/2" 304SS Screens	
SPPLST1516	16 Mesh Screen
SPPLST1530	30 Mesh Screen
SPPLST1550	50 Mesh Screen
SPPLST1580	80 Mesh Screen
SPPLST15100	100 Mesh Screen
Parts for MLST 100IBC T-Strainer	
SPPMLST150-H	1 1/2" Flanged T Strainer Head
SPPLST150-B	1 1/2" T Strainer Bowl
SPPLSQ200-PL	Plug for 1 1/2" Strainer
SPPLSQ200-R	O-ring for 1 1/2" Manifold Str
SPPLST150-G	EPDM Gasket
SPPLST150-GV	Viton Gasket



MANIFOLD 2" STANDARD PORT "Y" STRAINERS

- EPDM Gasket
- Max 150 PSI
- Flange 1 1/2" ID x 3 3/4" OD

No.	Description
SPPMLS200BC	2" Manifold Y Strainer
SPPMLS200-80	2" Strainer (80 Mesh Screen)
1 1/2" 316SS Screens for above	
SPPLS206	6 Mesh Screen
SPPLS212	12 Mesh Screen
SPPLS220	20 Mesh Screen
SPPLS230	30 Mesh Screen
SPPLS250	50 Mesh Screen
SPPLS280	80 Mesh Screen
SPPLS2100	100 Mesh Screen
SPPLS2120	120 Mesh Screen
1 1/2" ID Manifold Y-Strainer Parts	
SPPMLS200B	2" SP Manifold Strainer Body
SPPLS150-C	2" SP Strainer Cap
SPPLSQ200-PL	Plug
SPPLSQ200-R	O-Ring
SPPLS150-G	2" SP EPDM Gasket
SPPLS150-GV	2" SP Viton Gasket

MANIFOLD 2" FULL PORT "Y" STRAINERS

- EPDM Gasket
- Max 150 PSI
- Flange 2" ID x 3 3/4" OD



Part No. SPPMLS220BC



Part No. SPPMLS222BC

Easy off threaded strainer ring

No.	Description
2" 316SS Screens for above	
SPPLST204SS	2" FP Screen 4 Mesh
SPPLST206SS	2" FP Screen 6 Mesh
SPPLST208SS	2" FP Screen 8 Mesh
SPPLST210SS	2" FP Screen 10 Mesh
SPPLST216SS	2" FP Screen 16 Mesh
SPPLST230SS	2" FP Screen 30 Mesh
SPPLST250SS	2" FP Screen 50 Mesh
SPPLST280SS	2" FP Screen 80 Mesh
SPPLST2100SS	2" FP Screen 100 Mesh
SPPMLS250SS	50 Mesh Perforated
SPPMLS280SS	80 Mesh Perforated
2" Y Strainer Parts	
SPPMLS220B	2" FP Manifold Strainer Body
SPPMLS220C	2" FP Manifold Strainer Cap
SPPMLS220R	2" FP Clamp
SPPLSQ200-PL	Plug
SPPLSQ200-R	O-ring
SPPMLS220G	MLS220 2" EPDM Gasket
SPPMLS220GV	MLS220 2" Viton Gasket
SPPMLS220G1	MLS222 2" EPDM O-ring
SPPMLS220G1V	MLS222 2" Viton O-ring

3" MANIFOLD "Y" STRAINERS



- Lightweight
- High volume
- Glass reinforced
- Polypropylene body & cap
- Max 100 PSI
- EPDM gasket

No.	Description
SPPMLS300BC	3" Strainer less screen
SPPMLS300-50	3" Strainer (50 Mesh Screen)
3" 304SS Strainer Screens	
SPPLS304	4 Mesh Screen
SPPLS308	8 Mesh Screen
SPPLS312	12 Mesh Screen
SPPLS320	20 Mesh Screen
SPPLS350	50 Mesh Screen
3" Manifold Strainer Parts	
SPPMLS300B	3" Manifold Strainer Body
SPPMLS300CAP	3" Strainer Cap
SPPLS300EC	3" End Cap
SPPMLS300ECG	3" End Cap Gasket
SPP13777	3" End Cap Plug
SPP13778	3" End Cap Plug Gasket
SPPMLS300G	3" Strainer Cap Gasket

HYPRO STRAINERS



- Low Profile
- Stainless Steel Screen
- Poly Head & Bowl
- EPDM Gasket
- Max. 80 PSI

No.	Ports	Mesh
SPP3350-0085A	1/4" FPT	20
SPP3350-0079A	&	40
SPP3350-0082A	1/2" MPT	80

HYPRO STRAINERS



- Low Profile
- Stainless Steel Screen
- Nylon Head
- Clear Bowl
- Viton Gasket
- Max. 100 PSI

No.	Ports	Mesh
SPP3350-0085F	1/4" FPT	20
SPP3350-0079F	&	40
SPP3350-0082F	1/2" MPT	80

HYPRO STRAINERS



- Standard size strainer
- Stainless Steel Screen
- Poly Head and Bowl
- EPDM Gasket
- Max. 80 PSI

No.	FPT	Mesh
SPP3350-0046A	1/2"	50
SPP3350-0043A	1/2"	80
SPP3350-0040A	3/4"	20
SPP3350-0034A	3/4"	50
SPP3350-0035A	3/4"	80
SPP3350-0057A	1"	20
SPP3350-0058A	1"	50
SPP3350-0059A	1"	80
SPP3350-0071A	1 1/4"	20
SPP3350-0072A	1 1/4"	50
SPP3350-0073A	1 1/4"	80
SPP3350-0112A	1 1/2"	20
SPP3350-0113A	1 1/2"	50
SPP3350-0114A	1 1/2"	80

HYPRO STRAINERS



- Standard size
- Stainless Steel Screen
- Nylon Head and Bowl
- Viton Gasket
- Max. 150 PSI

No.	FPT	Mesh
SPP3350-0056	1/2"	20
SPP3350-0042	1/2"	50
SPP3350-0068	1/2"	80
SPP3350-0040	3/4"	20
SPP3350-0044	3/4"	50
SPP3350-0045	3/4"	80
SPP3350-0060	1"	20
SPP3350-0061	1"	50
SPP3350-0062	1"	80
SPP3350-0074	1 1/4"	20
SPP3350-0075	1 1/4"	50
SPP3350-0076	1 1/4"	80
SPP3350-0115	1 1/2"	20

HYPRO INLINE STRAINER REPLACEMENT PARTS



**HYPRO STRAINER REPLACEMENT PARTS
1/2" x 3/4" FPT**

Screen Dimensions
Length 3 1/8" OD 1 1/8"

No.	Description
SPP3800-0029	20 Mesh Screen
SPP3800-0025	50 Mesh Screen
SPP3800-0026	80 Mesh Screen
SPP3351-0039	Black Poly Bowl
SPP3351-0005	White Nylon Bowl
SPP3351-0015	Clear Bowl
-	1/2" Black Poly Cap
SPP3351-0007	1/2" White Nylon Cap
SPP3351-0038	3/4" Black Poly Cap
SPP3351-0006	3/4" White Nylon Cap



**HYPRO STRAINER REPLACEMENT PARTS
1" FPT**

Screen Dimensions
Length 4 1/4" OD 2 3/8"

No.	Description
SPP1979	20 Mesh Screen
SPP3800-0041	50 Mesh Screen
SPP3800-0042	80 Mesh Screen
SPP3351-0040	Black Poly Cap
SPP3351-0014	White Poly Cap
SPP1700-0092	EPDM Gasket
SPP10539	Viton Gasket
SPP3351-0043	Black Poly Bowl
SPP3351-0013	White Poly Bowl
SPP3351-0024	Clear Bowl



**HYPRO STRAINER REPLACEMENT PARTS
1 1/4" FPT**

Screen Dimensions
Length 4 1/2" OD 2 3/8"

No.	Description
SPP3800-0043	20 Mesh Screen
SPP3800-0044	50 Mesh Screen
SPP3800-0045	80 Mesh Screen
SPP3351-0041	Black Poly Cap
SPP3351-0016	White Nylon Cap
SPP1700-0092	EPDM Gasket
SPP10539	Viton Gasket
SPP3351-0043	Black Poly Bowl
SPP3351-0013	White Nylon Bowl
SPP3351-0024	Clear Bowl



**HYPRO STRAINER REPLACEMENT PARTS
1/4" FPT x 1/2" MPT**

Screen Dimensions
Length 1 1/8" OD 1"

No.	Description
SPP10486D	20 Mesh Screen - Short
SPP10485	40 Mesh Screen - Short
SPP10496D	80 Mesh Screen - Short
SPP11337	EPDM Gasket
SPP10498	Viton Gasket
SPP11421D	Black Short Poly Bowl
SPP16238	White Short Nylon Bowl



HYPRO 1 1/2" STRAINER REPLACEMENT PARTS

Screen Dimensions
Length 5 1/8" OD 2 3/8"

No.	Description
SPP3800-0065	20 Mesh Screen
SPP3800-0066	50 Mesh Screen
SPP3800-0067	80 Mesh Screen
SPP3351-0042	Black Poly Cap
-	White Poly Cap
SPP1700-0092	EPDM Gasket
SPP10539	Viton Gasket
SPP3351-0043	Black Poly Bowl
SPP3351-0013	White Poly Bowl
SPP3351-0024	Clear Bowl



FLUSHING STRAINER REPLACEMENT PARTS

FOR USE WITH
POLYPROPYLENE "T" LINE
1 1/4" & 1 1/2" FPT
STRAINER

Screen Dimensions
Length 8 1/4" O.D. 2 3/8"

No.	Description
SPP326003.03	50 Mesh Screen
SPP326004.03	80 Mesh Screen
SPP326000.04	Bowl O-ring
SPP326100.02	Poly Bowl

PVC QUICK CLEAN FILTERS 1", 1½" & 2" SLIP x SLIP



**Maximum 150 PSI
Maximum 100°F (38°C)**

- Bowl clear poly carbonate
- Head SLIP x SLIP white PVC
- Head design creates a spin out action that will force most particulate by centrifugal force to drop to the bottom
- Opening purge valve on filter bowl will remove loose sediment from filter screen and bowl without bowl removal
- Install on suction or discharge side of pump
- Use alone or as a pre-filter for a cartridge filter
- When used as a prefilter, it greatly increases the life of the cartridge filter by preventing the cartridge filter from plugging prematurely
- Purchase screens separately, available in polyester or 304 stainless steel

No.	SLIP	GPM	W x H
SPP43-H10T	1" x 1"	1-25	5" x 8½"
SPP43-H15T	1½" x 1½"	10-50	5¼" x 13¾"
SPP43-H20T	2" x 2"	18-100	5¾" x 16"

HIGH TEMPERATURE QUICK CLEAN FILTER ¾" FPT x ¾" FPT



**Maximum 40 PSI @ 200°F (93°C)
Maximum 150 PSI @ 73°F (23°C)**

- Head design creates a spin out action that will force most particulate by centrifugal force to drop to the bottom
- Head glass filled polypropylene with 304 stainless steel supporting rings on FPT connections
- Opening purge valve on filter bowl will remove loose sediment from filter screen and bowl without bowl removal
- Use alone or as a pre-filter for a cartridge filter
- When used as a pre-filter, it greatly increases the life of the cartridge filter by preventing the cartridge filter from plugging prematurely
- Install on suction or discharge side of pump
- Purchase screen separately

No.	FPT	GPM	W x H
-	¾"	25	5" x 8½"

STAINLESS STEEL FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3025-100SS	100	152	0.0060"
SPP3025-140SS	140	104	0.0040"

1" FILTER # 3006

Filter size: Diameter = 1½"
Length = 5¾"

POLYESTER FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3006-24P	24	711	0.0280"
SPP3006-30P	30	533	0.0210"
SPP3006-40P	40	381	0.0150"
SPP3006-60P	60	254	0.0100"
SPP3006-100P	100	152	0.0060"
SPP3006-140P	140	104	0.0040"
SPP3006-250P	250	80	0.0032"
SPP3006-500P	500	61	0.0024"
SPP3006-1000P	1000	30	0.0012"

STAINLESS STEEL FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3006-30SS	30	533	0.0210"
SPP3006-60SS	60	254	0.0100"
SPP3006-100SS	100	152	0.0060"
SPP3006-140SS	140	104	0.0040"
SPP3006-200SS	200	80	0.0032"

1½" FILTER # 3007

Filter size: Diameter = 1¾"
Length = 8¾"

POLYESTER FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3007-24P	24	711	0.0280"
SPP3007-30P	30	533	0.0210"
SPP3007-40P	40	381	0.0150"
SPP3007-60P	60	254	0.0100"
SPP3007-100P	100	152	0.0060"
SPP3007-140P	140	104	0.0040"
SPP3007-250P	250	61	0.0024"
SPP3007-500P	500	30	0.0012"
SPP3007-1000P	1000	15	0.0006"

STAINLESS STEEL FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3007-30SS	30	533	0.0210"
SPP3007-60SS	60	254	0.0100"
SPP3007-100SS	100	152	0.0060"
SPP3007-140SS	140	104	0.0040"
SPP3007-200SS	200	80	0.0032"

2" FILTER # 3008

Filter size: Diameter = 1¾"
Length = 10"

POLYESTER FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3008-24P	24	711	0.0280"
SPP3008-30P	30	533	0.0210"
SPP3008-40P	40	381	0.0150"
SPP3008-60P	60	254	0.0100"
SPP3008-100P	100	152	0.0060"
SPP3008-140P	140	104	0.0040"
SPP3008-250P	250	61	0.0024"
SPP3008-500P	500	30	0.0012"
SPP3008-1000P	1000	15	0.0006"

STAINLESS STEEL FILTER ELEMENTS

No.	Mesh	Micron	Opening
SPP3008-30SS	30	533	0.0210"
SPP3008-100SS	100	152	0.0060"
SPP3008-140SS	140	104	0.0040"
SPP3008-200SS	200	80	0.0032"



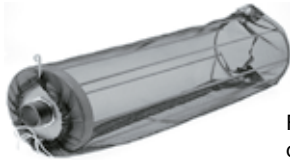


POLYPROPYLENE FOOT VALVE

- Rust proof construction
- Large capacity
- Max 50 PSI
- Parts available

No.	Hose	OD x Length
-	1 1/4"	4 1/4" x 5 1/2"
-	1 1/2"	4 1/4" x 8"
-	2"	4 1/4" x 8"

KLEENFLO INTAKE SCREEN



For Lake or Dugout

- Large capacity 9" x 28"
- Vinyl coated metal cage
- Replaceable fiberglass screen
- 2" MPT

No.	Description
SPP5446	Complete Unit
SPP5447	Replacement Bag



CAST BRASS FOOT VALVE

- #304 Stainless Steel Screen & Spring
- NBR O-ring
- Max 180°F (80°C)
- Max 200 PSI

No.	FPT
SPP6060-05	1/2"
SPP6060-07	3/4"
SPP6060-10	1"
SPP6060-12	1 1/4"
SPP6060-15	1 1/2"
SPP6060-20	2"



CAST BRONZE FOOT VALVE

- #304 Stainless Steel Screen & Spring
- Buna-N O-ring
- Max 180°F (80°C)
- Max 200 PSI

No.	FPT
SPP6061-05	1/2"
SPP6061-07	3/4"
SPP6061-10	1"
SPP6061-12	1 1/4"
SPP6061-15	1 1/2"
SPP6061-20	2"
SPP6061-30	3"



STAINLESS STEEL FOOT VALVE

- #304 Stainless Steel Screen & Spring
- Viton O-ring
- Max 180°F (80°C)
- Max 200 PSI

No.	FPT
SPP6062-05	1/2"
SPP6062-07	3/4"
SPP6062-10	1"
SPP6062-12	1 1/4"
SPP6062-15	1 1/2"
SPP6062-20	2"
SPP6062-30	3"
SPP6062-40	4"



HEAVY DUTY PLATED STEEL STRAINER

No.	FPT	Hole Size
SPP5963	1 1/2"	1/4"
SPP5964	2"	3/8"
SPP5965	2 1/2"	3/8"
SPP5966	3"	3/8"
SPP5967	4"	3/8"
SPP5969	6"	1/2"
SPP5970	8"	1"



FLOATING POND FILTER

- Trouble free self fill
- Poly, stainless steel construction
- For Lake or Dugout Use check valve on non-priming pumps
- Size: 7" in Diameter x 8" High

No.	Hose Barb
SPP3073040	1 1/2"
SPP3073050	2"



SUCTION STRAINERS

- PVC Head
- Stainless Steel Screen

No.	FPT	Mesh
SPP10406	1/4"	40
SPP10602D	1/4"	80
SPP10416D	3/8"	40
SPP11101	3/8"	80
SPP10570	1/2"	20
SPP10421	1/2"	40
SPPRV6632-80	1/2"	80
SPP10432	3/4"	40
SPP10436	3/4"	80
SPP10442	1"	20
SPP10446	1"	40
SPP10462D	1 1/2"	20
SPP10464	1 1/2"	40



BRONZE FLOAT VALVE

3/8" - 1/2" - 3/4" - 1"

- MPT connections
- Buna-N valve seal
- Max 180°F
- Max 125 PSI
- Tapped for 1/4" - 20 SAE rod

Rod & float not included - order separately

No.	MPT x MPT
SPP6080-03	3/8" x 3/8"
SPP6080-05	1/2" x 1/2"
SPP6080-07	3/4" x 3/4"
SPP6080-10	1" x 1"



BRONZE BULKHEAD FLOAT VALVES

1/2" & 3/4"

- Bulkhead mount
- SMT (straight male thread)
- Buna-N Gasket
- Faucet outlet
- Max 180°F / 125 PSI
- Rod mount 1/4" - 20 SAE female thread

Rod & float not included - order separately

No.	Inlet	Outlet
SPP6080-05BH	1/2" SMT	Faucet
SPP6080-07BH	3/4" SMT	Faucet



BRONZE FLOAT VALVE

- Heavy duty body
- Buna-N disc
- Max 180°F / 125 PSI
- Inlet FPT
- Outlet faucet

Note: 8" or larger float is required
Rod & float not included - order separately

No.	Inlet	Tapped
SPP6080-12	1/4" FPT	3/8" -16 SAE
SPP6080-15	1/2" FPT	3/8" -16 SAE
SPP6080-20	2" FPT	3/8" -16 SAE

PLASTIC FLOATS



- Black polypropylene
- Light weight
- Corrosion resistant
- Max 175°F
- For open tank service only

No.	Diam.	Buoyancy	Rod Con.
SPP6080-31P	4.5"	1.30 lbs.	1/4"-20 SAE
SPP6080-32P	5"	2.17	1/4"-20 SAE
SPP6080-33P	6"	3.80	1/4"-20 SAE
SPP6080-34P	8"	9.87	3/8"-16 SAE
SPP6080-35P	10"	15.5	3/8"-16 SAE

COPPER FLOATS



- Two formed halves soldered together using an inside lapping joint
- For open tank service only

No.	Size	Buoyancy	Rod Con.
SPP6080-29C	3"	0.34 lbs.	1/4"-20 SAE
SPP6080-30C	4"	0.80	1/4"-20 SAE
SPP6080-33C	6"	3.26	1/4"-20 SAE
SPP6080-34C	8"	8.03	3/8" FPT

STAINLESS STEEL FLOATS



- 316 stainless steel
- Good for most corrosive liquids
- Good for high temperature or extreme temperature

No.	Size	Buoyancy	Rod Con.
SPP6080-30SS	4"	0.65	1/4"-20 SAE
SPP6080-32SS	5"	1.55	1/4"-20 SAE
SPP6080-33SS	6"	2.15	1/4"-20 SAE
SPP6080-34SS	8"	6.44	3/8"-16 SAE

FLOAT RODS STAINLESS STEEL

For floats up to 6" diameter



No.	Diam.	Length	Thread
SPP6080-14-8SS	1/4"	8"	1/4"-20SAE
SPP6080-14-10SS	1/4"	10"	1/4"-20SAE
SPP6080-14-12SS	1/4"	12"	1/4"-20SAE
For Floats 8" & 10" in diameter			
SPP6080-38-12SS	3/8"	12"	3/8"-16SAE
SPP6080-38-14SS	3/8"	14"	3/8"-16SAE
SPP6080-38-16SS	3/8"	16"	3/8"-16SAE



FLOAT THREAD BRASS ADAPTERS

No.	Rod x Float
SPP6080-14-38B	1/4"-20SAE x 3/8" MPT
SPP6080-38-38B	3/8"-16SAE x 3/8" MPT
SPP6080-38-14B	3/8"-16SAE x 1/4"-20SAE

Note: Adapter 6080-38-38B is only available in brass.



LEVER ASSEMBLY

No.	Valve Ports
SPP6080-L38100	3/8" to 1"
SPP6080-L114200	1/4" to 2"



PLUNGER ASSEMBLY

* Not for bulkhead style float valves

No.	Ports
SPP6080-P38-12	3/8" & 1/2"
SPP6080-P34	3/4"
SPP6080-P100	1"
SPP6080-P114-200	1/4", 1/2", 2"



REPAIR SEAL KIT FOR PLUNGER ASSEMBLY

No.	Ports
SPP6080-S38-12	3/8" & 1/2"
SPP6080-S100	1"
SPP6080-S114-200	1/4", 1/2", 2"



CAST BRASS CHECK VALVE

- Cast brass body & poppet
- Nitrile Buna-N O-ring
- Max. 180°F (80°C)
- Max. 200 PSI
- Opens @ 0.5 PSI

No.	FPT
SPP9188B	1/2"
SPP9189B	3/4"
SPP9190B	1"
SPP9191B	1 1/4"
SPP9192B	1 1/2"
SPP9193B	2"

CAST BRONZE CHECK VALVE



- Cast bronze body & poppet
- Nitrile Buna-N O-ring
- Max. 180°F (80°C)
- Max. 200 PSI

No.	FPT
SPP9188	1/2"
SPP9189	3/4"
SPP9190	1"
SPP9191	1 1/4"
SPP9192	1 1/2"
SPP9193	2"

BRASS CHECK VALVE



- Brass body
- Plastic ball
- Max. 150°F
- Max. 200 PSI

No.	FPT x FPT
SPP93.000.002	3/8"



Y-STRAINER CAST BRONZE BODY

- W.O.G 300 PSI at 150°F
- Steam - 150 PSI at 400°F
- 20 Mesh Stainless steel strainer

No.	FPT
SPP3489B	1/2"
SPP3490B	3/4"
SPP3491B	1"
SPP3492B	1 1/4"
SPP3493B	1 1/2"
SPP3494B	2"



STAINLESS STEEL CHECK VALVE

- #304 Stainless steel body & poppet
- Viton O-ring
- Max. 180°F (80°C)
- Max. 200 PSI

No.	FPT
SPP9188SS	1/2"
SPP9189SS	3/4"
SPP9190SS	1"
SPP9191SS	1 1/4"
SPP9192SS	1 1/2"
SPP9193SS	2"
SPP9194SS	3"
SPP9195SS	4"



STAINLESS STEEL FILTER

- Investment cast body
- Max working pressure 600 PSI W.O.G
- Max. working temp. 230°C
- Screens: 20 Mesh

No.	FPT
SPP3489	1/2"
SPP3490	3/4"
SPP3491	1"
SPP3492	1 1/4"
SPP3493	1 1/2"
SPP3494	2"

TEEJET 3/4 Q IN LINE STRAINERS



- 3/4" FPT Ports
- Max. 125 PSI

PURCHASE SCREENS SEPARATELY

No.	Description
SPP3/4Q-LESS-SCREEN	3/4" Q Strainer
3/4" Q Strainer Screens	
SPPCP4633-2-M	24 Mesh Screen
SPPCP4633-4-SS	50 Mesh Screen
SPPCP4633-6-M.	100 Mesh Screen
SPPCP4633-7-M	200 Mesh Screen
3/4" Q Strainer Parts	
SPP1084GB	Buna-N Gasket
SPP4635-1	Pipe Inlet 3/4 Q



BRONZE SWING CHECK VALVE

- Brass pin and screw
- Max. 200 PSI
- Max. 100°C

No.	FPT
SPP9171	1/2"
SPP9172	3/4"
SPP9173	1"
SPP9174	1 1/4"
SPP9175	1 1/2"
SPP9176	2"
SPP9177	2 1/2"
SPP9178	3"
SPP9179	4"



316 STAINLESS STEEL SWING CHECK VALVE

- Full port
- Threaded ends
- 200 PSI W.O.G
- Temperature Rating: 350°F
- Stainless steel class 200 screwed cap
- Swing type disc
- Integral seat

No.	FPT
SPP9171SS	1/2"
SPP9172SS	3/4"
SPP9173SS	1"
SPP9174SS	1 1/4"
SPP9175SS	1 1/2"
SPP9176SS	2"



BRASS PRESSURE RELIEF VALVES

- Non-adjustable
- Set at 75 PSI

No.	MPT x FPT
SPP3097	1/2"
SPP3098	3/4"



HYPRO ALUMINUM LINE STRAINER

- Max. 100 PSI
- Max flow: 8 GPM
- 1/2" BPS (F) inlet; 1/2" BPS (M) outlet
- Aluminum Housing
- 50 Mesh screen
- Added bypass hose port 1/4"

No.	Mfg. No.
SPP3350-0134	3350-0134



FPT x FPT
1/2 lb. spring
• 100 PSI Max

No.	FPT	Length
SPP1001-05	1/2"	4 1/8"
SPP1001-07	3/4"	4 1/8"
SPP1001-10	1"	5 1/4"
SPP1001-12	1 1/4"	6 3/16"
SPP1001-15	1 1/2"	6 3/16"
SPP1001-20	2"	7"



SLIP x SLIP
1/2 lb. spring

No.	FPT	Length
SPP1011-05	1/2"	4 1/8"
SPP1011-07	3/4"	4 1/8"
SPP1011-10	1"	5 1/4"
SPP1011-15	1 1/2"	6 3/16"
SPP1011-20	2"	7"

FLO CONTROL CHECK VALVES



FPT x FPT
1/2 lb. spring
• 200 PSI @ 72°F

No.	FPT	Length
SPP1001-05F	1/2"	4 1/8"
SPP1001-07F	3/4"	4 1/8"
SPP1001-10F	1"	5 1/4"
SPP1001-12F	1 1/4"	6 3/16"
SPP1001-15F	1 1/2"	6 3/16"
SPP1001-20F	2"	7"
SPP1001-25F	2 1/2"	8 5/8"
SPP1001-30F	3"	8 5/8"



SLIP x SLIP
1/2 lb. spring

No.	Slip	Length
SPP1011-05F	1/2"	4 1/8"
SPP1011-07F	3/4"	4 1/8"
SPP1011-10F	1"	5 1/4"
SPP1011-15F	1 1/2"	6 3/16"
SPP1011-20F	2"	7"
SPP1011-25	2 1/2"	8 5/8"
SPP1011-30	3"	8 5/8"



FPT x FPT
ADJUSTABLE
5 to 30 PSI
Factory Set at 5 PSI

No.	FPT	Length
SPP1205-05	1/2"	4 1/8"
SPP1205-07	3/4"	4 1/8"
SPP1205-10	1"	5 1/4"
SPP1205-12	1 1/4"	6 3/16"
SPP1205-15	1 1/2"	6 3/16"
SPP1205-20	2"	9 3/4"



FPT x FPT
2 lb. spring

No.	FPT	Length
SPP1002-05	1/2"	4 1/8"
SPP1002-07	3/4"	4 1/8"
SPP1002-10	1"	5 1/4"
SPP1002-12	1 1/4"	6 3/16"
SPP1002-15	1 1/2"	6 3/16"
SPP1002-20	2"	7"
SPP1002-30	3"	8 5/8"



SLIP x SLIP
2 lb. spring

No.	Slip	Length
SPP1012-05	1/2"	4 1/8"
SPP1012-10	1"	5 1/4"
SPP1012-12	1 1/4"	6 3/16"
SPP1012-15	1 1/2"	6 3/16"
SPP1012-30	3"	8 5/8"



SLIP x SLIP
ADJUSTABLE
5 to 30 PSI
Factory Set at 5 PSI

No.	Slip	Length
SPP1225-05	1/2"	4 1/8"
SPP1225-07	3/4"	4 1/8"
SPP1225-10	1"	5 1/4"
SPP1225-15	1 1/2"	6 3/16"
SPP1225-20	2"	9 3/4"



WHITE
TRUE UNION
1/2 lb. spring

No.	Soc	Length
SPP1700-10	1"	6.83"
SPP1700-15	1 1/2"	8.345"
SPP1700-20	2"	9.735"
SPP1700-25	2 1/2"	13.25"



CLEAR
SLIP x SLIP
1/2 lb. spring

No.	Slip	Length
SPP1011C15	1 1/2"	6 3/16"
SPP1011C25	2 1/2"	8 5/8"



FPT x MPT
ADJUSTABLE
5 to 30 PSI
Factory Set at 5 PSI

No.	Size	Length
-	1/2"	4 1/8"
SPP1235-07	3/4"	4 1/8"
SPP1235-10	1"	5 1/4"
-	1 1/4"	6 3/16"
-	1 1/2"	6 3/16"



CLEAR
TRUE UNION
1/2 lb. spring

No.	Soc	Length
SPP1700C07	3/4"	6.12"
SPP1700C10	1"	6.83"
SPP1700C15	1 1/2"	8.345"
SPP1700C20	2"	9.735"
SPP1700C30	3"	11.75"



SLIP x SLIP
TRUE UNION
1-30 PSI

No.	Slip	Range PSI
SPP1750-20	2"	1 to 14 PSI
SPP1753-20	2"	15 to 30 PSI

HOSE THREAD CHECK VALVE (EPDM Gasket)



3/4" Female Hose Thread, 3/4" Male Hose Thread

No.	Size	Length
SPP1136-07	3/4"	4 1/2"



ADJUSTABLE CHECK VALVE
2-14 PSI
Preset @ 5 PSI

No.	Size	Description
SPP1101-05	1/2"	MIPT x FIPT



ADJUSTABLE CHECK VALVE
2-14 PSI
Preset @ 5 PSI

No.	Size	Description
SPP1100-05	1/2"	FIPT x FIPT
SPP1100-07	3/4"	FIPT x FIPT
SPP1100-10	1"	FIPT x FIPT

FLO CONTROL PVC SWING CHECK VALVE

Rated @ 125 PSI Static Pressure @ 75 PSI

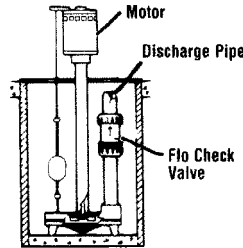


PVC SWING CHECK SOLVENT WELD

No.	Slip	Length
SPP1520-05	1/2"	4 1/2"
SPP1520-07	3/4"	4 1/2"
SPP1520-10	1"	5 1/2"
SPP1520-12	1 1/4"	5 1/4"
SPP1520-15	1 1/2"	5 3/4"
SPP1520-20	2"	6"
SPP1520-30	3"	9"
SPP1520-40	4"	9 1/2"



SUMP PUMP SWING CHECK



Compression Connection with Buna-N Gaskets for both 1 1/4" & 1 1/2" Pipe

No.	Size	Length
SPP1400-15	1 1/4" - 1 1/2"	5 1/4"



PVC SWING CHECKS COMPRESSION

Designed to be installed between two unthreaded pipes of same size.

No.	Size	Length
SPP1500-12	1 1/4"	7 1/2"
SPP1500-20	2"	9 3/4"
SPP1500-30	3"	14"



CLEAR PVC SWING CHECK SOLVENT WELD

No.	Slip	Length
SPP1520C05	1/2"	4 1/2"
SPP1520C07	3/4"	4 1/2"
SPP1520C10	1"	5 1/2"
SPP1520C12	1 1/4"	5 1/4"
SPP1520C15	1 1/2"	5 3/4"
SPP1520C20	2"	6"
SPP1520C30	3"	9"



PVC TRUE UNION SWING CHECK VALVES - White

No.	Slip	Length
SPP1720-15	1 1/2" IPS	8.003
SPP1720-20	2" IPS	9.593



CLEAR PVC SWING CHECKS COMPRESSION

Designed to be installed between two unthreaded pipes of same size.

No.	Size	Length
SPP1500C15	1 1/2"	7 1/2"
-	2"	9 3/4"



PVC TRUE UNION SWING CHECK VALVES - Clear

No.	Slip x Slip	Length
SPP1720C15	1 1/2" IPS	8.003
SPP1720C20	2" IPS	9.593



PVC BACKWATER VALVE

Gasketed Flapper

No.	Slip
SPP1530-30	3" x 3"



CPVC 90° SPRING CHECK VALVE

No.	Tension	Size	Length
SPP1900-15	1/2 lb.	1 1/2"	5"
SPP1901-15	1 lb.	1 1/2"	5"
SPP1903-15	3 lbs.	1 1/2"	5"
SPP1900-20	1/2 lb.	2" S x 2 1/2" SPG	5 1/2"
SPP1901-20	1 lb.	2" S x 2 1/2" SPG	5 1/2"
SPP1903-20	3 lbs.	2" S x 2 1/2" SPG	5 1/2"



VALVE SCREENS

Use on any check valve with a FPT intake to convert to a foot valve.

No.	MPT	Length
SPP1800-07	3/4"	2 1/2"
SPP1800-10	1"	2 1/2"
SPP1800-12	1 1/4"	3 1/2"
SPP1800-15	1 1/2"	3 3/4"
SPP1800-20	2"	3 3/4"



ABS BACKWATER VALVE

Gasketed Flapper

No.	Slip
SPP1530A40	4" x 4"

- Molded with no parting line
- Functional from 1 to 150 PSI
- Check Valves are "Zero-Gravity" Fittings

- Can be mounted in any position
- ISO 9000 certified
- Manufactured from FDA approved resins

- 1/2 lb. spring
- Opens @ 5-8 PSI
- Closes @ 2 PSI



CHECK VALVES

No.	Tube ID
Nylon Body / Neoprene Diaph.	
SPP60-18NN	1/8"
SPP60-316NN	3/16"
SPP60-14NN	1/4"
SPP60-38NN	3/8"
Kynar Body / Viton Diaph.	
SPP60-316KV	3/16"
SPP60-14KV	1/4"
SPP60-38KV	3/8"
Poly Propylene Body / Viton Diaph.	
SPP60-18PV	1/8"
SPP60-316PV	3/16"
SPP60-14PV	1/4"
SPP60-38PV	3/8"



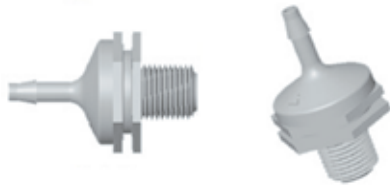
REDUCING CHECK VALVES

No.	Tube ID x ID
Nylon Body / Neoprene Diaph.	
SPP60-31618NN	3/16" x 1/8"
SPP60-3818NN	3/8" x 1/8"
Kynar Body / Viton Diaph.	
SPP60-3818KV	3/8" x 1/8"
Polypropylene Body / Viton Diaph.	
60-38316PV	3/8" x 3/16"



ENLARGING CHECK VALVES

No.	Tube ID x ID
Polycarbonate Body / Silicone Diaph.	
SPP61-38PV	1/8" x 1/4"
Nylon Body / Neoprene Diaph.	
SPP60-1438NN	1/4" x 3/8"



CHECK VALVE BULK HEAD MPT x HB

- Precision molded
- Features same as above

No.	MPT x Tube ID
Nylon Body / Neoprene Diaph.	
SPP61-18NN	1/8" x 1/8"
SPP61-38NN	1/8" x 3/8"
Kynar Body / Viton Diaph.	
SPP61-316KV	1/8" x 3/16"
Polycarbonate Body / Viton Diaph.	
SPP61-14PV	1/8" x 1/4"
SPP61-38PV	1/8" x 3/8"



DRAIN COCK

- Tee handle with bibb
- External seat

No.	MPT
SPP239-18	1/8" x 1/8"
SPP239-14	1/4" x 1/4"



DRAIN COCK

- Tee handle
- External seat

No.	MPT
SPP240-18	1/8" x 1/8"
SPP240-14	1/4" x 1/4"
SPP240-38	3/8" x 3/8"
SPP240-12	1/2" x 1/2"



DRAIN COCK

- Forged Tee handle
- Internal seat

No.	MPT
SPP242-18	1/8" x 1/8"
SPP242-14	1/4" x 1/4"
SPP242-38	3/8" x 3/8"



DRAIN COCK

- Lever handle

No.	MPT
SPP241-A	1/8" x 1/8"
SPP241-B	1/4" x 1/4"
SPP241-12	1/2" x 1/2"



DRAIN COCK

- Tee handle
- Internal seat

No.	MPT
SPP243-18	1/8" x 1/8"
SPP243-14	1/4" x 1/4"



90° DRAIN COCK

- Tee handle with bibb
- Internal seat

No.	MPT
SPP245-18	1/8" x 1/8"
SPP245-14	1/4" x 1/4"



BRASS SHUTOFF COCK PIPE THREAD

No.	Size
SPP2103-18	1/8" FPT x 1/8" FPT
SPP2103-14	1/4" FPT x 1/4" FPT
SPP2120-18	1/8" FPT x 1/8" MPT
SPP2120-14	1/4" FPT x 1/4" MPT
SPP2120-38	3/8" FPT x 3/8" MPT
SPP2122-18	1/8" MPT x 1/8" MPT
SPP2122-14	1/4" MPT x 1/4" MPT



BRASS COMPRESSION SHUTOFF

No.	Size
SPP2062-14	1/4" Tube x 1/4" Tube
SPP2062-38	3/8" Tube x 3/8" Tube
SPP2068-14	1/4" Tube x 1/4" MPT
SPP2068-38	3/8" Tube x 3/8" MPT



NEEDLE VALVE FLARE

No.	Size
SPP3048-1418	1/4" FL x 1/8" MPT
SPP3048-51614	5/16" FL x 1/4" MPT
SPP3042-14	1/4" FL x 1/4" FL



BRASS SHUTOFF COCK FLARE (FL)

No.	Size
SPP2042-14	1/4" FL x 1/4" FL
SPP2042-12	1/2" FL x 1/2" FL



90° NEEDLE VALVE

- Available in pipe thread, flare or compression

No.	Size
SPP3069-1418	1/4" Comp x 1/8" MPT
SPP3069-14	1/4" Comp x 1/4" MPT
SPP3069-3818	3/8" Comp x 1/8" MPT
SPP3069-3814	3/8" Comp x 1/4" MPT
SPP3049-14	1/4" FL x 1/4" MPT
SPP3049-51614	5/16" FL x 1/4" MPT



NEEDLE VALVE COMPRESSION

No.	Size
SPP3068-31618	3/16" Comp x 1/8" MPT
SPP3068-1418	1/4" Comp x 1/8" MPT
SPP3068-51618	5/16" Comp x 1/8" MPT
SPP3068-51614	5/16" Comp x 1/4" MPT
SPP3068-3814	3/8" Comp x 1/4" MPT



FPT x MPT BRASS SHUTOFF

No.	Size
SPP3120-14	1/4" FPT x 1/4" MPT
SPP3103-18	1/8" FPT x 1/8" FPT
SPP3103-14	1/4" FPT x 1/4" FPT
SPP3122-A	1/8" MPT x 1/8" MPT
SPP3122-14	1/4" MPT x 1/4" MPT



NEEDLE VALVE ASSEMBLY

- Fits up to 3/4" pipe

No.	O.D. Tubing
SPPS3069-14	1/4"

STANDARD PORT FORGED BRASS BALL VALVE



- 400 PSI W.O.G (Cold Water, Oil, Gas)
- 150 PSI saturated steam
- Blow-out proof stem
- Forged brass stem

No.	Copper x FPT	Port
SPP6105-15	1½" x 1½"	1.2598"

STANDARD PORT FORGED BRASS BALL VALVE



- 600 PSI W.O.G (Cold Water, Oil, Gas)
- Blow-out proof, forged brass stem

No.	Pex x Pex
SPP6106-05	1/2"
SPP6106-07	3/4"

FULL PORT BRASS BALL VALVE



- 600 PSI

No.	Port
SPP91.000.005	1" FNPT
SPP91.000.008	2" FNPT

BRASS GAS BALL VALVES



5G STANDARD 3.88 (USA)
STANDARD CR91-002 (CAN)
5 PSIG RATED GAS VALVE

ANSI
AMERICAN NATIONAL
STANDARDS INSTITUTE

1/2PSI ANSI Z21.15 (USA)
CGA 9.1 (CAN)
1/2 PSIG APPLIANCE VALVE

UL MH15973
Listed
2J73

FORGED BRASS GAS BALL VALVE



- Forged brass body
- 3/8" Flare x 3/8" Flare Yellow Handle
- 1/2" Flare x 1/2" Flare

No.	Flare	Port
SPP6157-03	3/8"	0.400"
SPP6157-05	1/2"	0.400"

FORGED BRASS GAS BALL VALVE



- Two piece body design
- Forged brass body

No.	MPT x Flare	Port
SPP6155-0503	1/2" x 3/8"	0.400"

FORGED BRASS GAS BALL VALVE



- Two piece body design
- Forged brass body

No.	FPT	Port
SPP6151-03	3/8"	0.400"
SPP6151-05	1/2"	0.400"
SPP6151-07	3/4"	0.600"
SPP6151-10	1"	0.800"

FORGED BRASS GAS BALL VALVE



- Two piece body design
- Forged brass body
- 1/2" FPT x 3/8" Flare Yellow Handle
- 1/2" FPT x 1/2" Flare

No.	FPT x Flare	Port
SPP6153-0503	1/2" x 3/8"	0.400"
SPP6153-0505	1/2" x 1/2"	0.400"

NICKEL PLATED BRASS FULL PORT BALL VALVES



- 150 PSI saturated steam
- 1/4" through 2" rated 600 PSI WOG
- 2 1/2" through 4" rated 400 PSI WOG
- Teflon packing
- Chrome plated ball



No.	FPT	Port
SPP6115-02	1/4"	0.393"
SPP6115-03	3/8"	0.393"
SPP6115-05	1/2"	0.590"
SPP6115-07	3/4"	0.787"
SPP6115-10	1"	0.984"
SPP6115-12	1 1/4"	1.259"
SPP6115-15	1 1/2"	1.575"
SPP6115-20	2"	1.969"

FORGED BRASS FULL PORT VALVE WITH DRAIN



- 600 PSI W.O.G (Cold Water, Oil, Gas)
- 150 PSI saturated steam
- Blow-out proof stem

No.	Copper x Copper	Port
SPP6110-05	1/2"	0.499"
SPP6110-07	3/4"	0.787"
SPP6110-10	1"	0.984"

FORGED BRASS FULL PORT BALL VALVE WITH DRAIN



- 600 PSI W.O.G (Cold Water, Oil, Gas)
- 150 PSI saturated steam
- Blow-out proof stem

No.	FPT	Port
SPP6109-05	1/2"	0.499"
SPP6109-07	3/4"	0.787"
SPP6109-10	1"	0.984"

FULL PORT FORGED BRASS COMPRESSION VALVE WITH DRAIN



- 600 PSI W.O.G (Cold Water, Oil, Gas)
- Blow-out proof, forged brass stem

No.	Comp.
SPP6107-05	1/2" x 1/2"
SPP6107-07	3/4" x 3/4"

FORGED BRASS FULL PORT BALL VALVES



- 1/4" through 2" rated 600 PSI WOG
- Over 2" - 400 PSI WOG
- 150 PSI saturated steam
- Teflon packing
- Chrome plated ball



No.	Copper x Copper	Port
SPP6113-05	1/2"	0.590"
SPP6113-07	3/4"	0.787"
SPP6113-10	1"	0.984"
SPP6113-12	1 1/4"	1.259"
SPP6113-15	1 1/2"	1.575"
SPP6113-20	2"	1.969"
SPP6113-25	2 1/2"	2.559"
SPP6113-30	3"	2.952"
SPP6113-40	4"	3.937"

No.	FPT	Port
SPP6115B-02	1/4"	0.393"
SPP6115B-05	1/2"	0.590"
SPP6115B-07	3/4"	0.787"
SPP6115B-10	1"	0.984"
SPP6115B-15	1 1/2"	1.575"
SPP6115B-20	2"	1.969"
SPP6115-25	2 1/2"	2.559"
SPP6115-30	3"	2.952"
SPP6115-40	4"	3.937"

FULL PORT FORGED BRASS COMPRESSION VALVE NO DRAIN



- 600 PSI W.O.G (Cold Water, Oil, Gas)
- Blow-out proof, forged brass stem

No.	Comp.
SPP6108-05	1/2" x 1/2"
SPP6108-07	3/4" x 3/4"
SPP6108-10	1" x 1"

FORGED BRASS MINI BALL VALVES



- 600 PSI W.O.G (Cold Water, Oil, Gas) except 6112-0102 only 200 WOG
- Forged Brass construction
- Teflon packing and seat
- Chrome plated ball

No.	FPT x FPT
SPP6111-01	1/8" x 1/8"
SPP6111-02	1/4" x 1/4"
MPT x FPT	
SPP6112-01	1/8" x 1/8"
SPP6112-0102	1/8" x 1/4"
SPP6112-02	1/4" x 1/4"

FULL PORT LOCKING HANDLE BRASS BALL VALVE



- Patented locking device
- Max 600 PSI up to 2" Max 450 PSI over 2"
- 150 WSP all sizes
- -40°F to 350°F
- Viton o-rings
- Blow-out proof stem
- Padlock not included
- Chrome plated brass ball



No.	FPT	Port
SPP6114-02	1/4"	0.314"
SPP6114-03	3/8"	0.393"
SPP6114-05	1/2"	0.590"
SPP6114-07	3/4"	0.787"
SPP6114-10	1"	0.984"
SPP6114-12	1 1/4"	1.259"
SPP6114-15	1 1/2"	1.574"
SPP6114-20	2"	1.968"
SPP6114-25	2 1/2"	2.559"
SPP6114-30	3"	3.149"
SPP6114-40	4"	3.937"



CHROME PLATED BRASS BALL VALVE

- Max 300 PSI
- Max 212°F
- Chromed brass ball, stem & body
- Teflon seat and viton seals
- Nylon lever handle

No.	Size
SPP90FFL18	1/8" FPT
SPP90FFL14	1/4" FPT
SPP90FML14	1/4" FPT x 1/4" MPT
SPP90FFL38	3/8" FPT
SPP90FML38	3/8" FPT x 3/8" MPT
SPP90FFL12	1/2" FPT
SPP90FML12	1/2" FPT x 1/2" MPT



CHROME PLATED BRASS BALL VALVE

- Max 300 PSI
- Max 212°F
- Chromed brass ball, stem & body
- Teflon seat and viton seals
- Nylon butterfly handle

No.	Size
SPP90FFB18	1/8" FPT
SPP90FFB14	1/4" FPT
SPP90FMB14	1/4" FPT x 1/4" MPT
SPP90FFB38	3/8" FPT
SPP90FMB38	3/8" FPT x 3/8" MPT
SPP90FFB12	1/2" FPT
SPP91.401.103	1/2" FPT x 1/2" MPT



FORGED BRASS GATE VALVE

FPT

- 200 PSI W.O.G (Cold Water, Oil, Gas)
- Cast hand wheel
- Meets ANSI / NSF

No.	FPT	Port
SPP6010-02	1/4"	0.433"
SPP6010-03	3/8"	0.472"
SPP6010-05	1/2"	0.531"
SPP6010-07	3/4"	0.748"
SPP6010-10	1"	0.984"
SPP6010-12	1 1/4"	1.259"
SPP6010-15	1 1/2"	1.496"
SPP6010-20	2"	1.929"
SPP6010-25	2 1/2"	2.441"
SPP6010-30	3"	2.952"
SPP6010-40	4"	3.622"

CAST BRASS GATE VALVE



COPPER X COPPER

- 200 PSI W.O.G (Cold Water, Oil, Gas)
- Cast hand wheel
- Meets ANSI / NSF

No.	C x C	Port
SPP6011-05	1/2"	0.531"
SPP6011-07	3/4"	0.748"
SPP6011-10	1"	0.984"
SPP6011-12	1 1/4"	1.259"
SPP6011-15	1 1/2"	1.496"
SPP6011-20	2"	1.929"

FORGED BRASS STOP VALVE

FPT X FPT



- NSF 61-8 approved
- Max. 200°F (93°C)
- Min. 20°F (-6°C)
- Max. 150 PSI
- Teflon packing

No.	FPT
SPP6023-05	1/2"
SPP6023-07	3/4"

FORGED BRASS STOP/WASTE VALVES
SEE ABOVE FOR FEATURES

SPP6024-07	3/4"
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FORGED BRASS STOP VALVE

COPPER X COPPER



- NSF 61-8 approved
- Max. 200°F (93°C)
- Min. 20°F (-6°C)
- Max. 150 PSI
- Teflon packing

No.	C x C
SPP6025-05	1/2"
SPP6025-07	3/4"



BRONZE GATE VALVE

FPT X FPT

- 200 PSI W.O.G (Cold Water, Oil, Gas)
- 125 PSI saturated steam
- Cast bronze construction
- Non-rising stem
- Solid wedge disc
- Cast hand wheel

No.	FPT	Port
SPP6012-05	1/2"	0.508"
SPP6012-07	3/4"	0.760"
SPP6012-10	1"	0.960"
SPP6012-12	1 1/4"	1.268"
SPP6012-15	1 1/2"	1.500"
SPP6012-20	2"	1.972"
SPP6012-25	2 1/2"	2.520"
SPP6012-30	3"	3.000"
SPP6012-40	4"	3.680"

BRONZE GATE VALVE

COPPER X COPPER



- 200 PSI W.O.G (Cold Water, Oil, Gas)
- 125 PSI saturated steam
- Cast bronze construction
- Non-rising stem
- Solid wedge disc
- Cast hand wheel

No.	C x C	Port
SPP6013-05	1/2"	0.508"
SPP6013-07	3/4"	0.760"
SPP6013-10	1"	0.960"
SPP6013-12	1 1/4"	1.268"
SPP6013-20	2"	1.972"

CAST BRASS STOP VALVE



- Max. 125 PSI
- Max. 212°F (100°C)
- Cast hand wheel

STOP VALVE

No.	FPT
SPP6023-07	3/4"

STOP WASTE VALVE WITH DRAIN

SPP6020-07	3/4"
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CAST BRASS STOP VALVE WITH DRAIN

COPPER X COPPER



- Max. 125 PSI
- Max. 212°F (100°C)
- Cast hand wheel

No.	C x C
SPP6022-05	1/2"

COMPRESSION GATE VALVE



- 200 PSI W.O.G (Cold Water, Oil, Gas)
- Non-rising stem
- Solid wedge disc
- Compression ring & nut
- Cast hand wheel
- Meets ANSI / NSF61-8

No.	Com.	Port
SPP6014-05	1/2"	0.508"
SPP6014-07	3/4"	0.760"
SPP6014-10	1"	0.960"

BRASS COMPRESSION STOP VALVE



- Max 200°F (93°C)
- Min 20°F (-6°C)
- Max 125 PSI
- Rubber packing

No.	Comp x Comp
SPP6029-05	1/2"
SPP6029-07	3/4"
Compression Valve with Drain	
SPP6030-05	1/2"
SPP6030-07	3/4"

BRASS PEX VALVE WITH DRAIN



- Max 150 PSI
- Max 180° F

No.	Pex x Pex
SPP6032-05	1/2"
SPP6032-07	3/4"

BRASS LEVER VALVE



- Water & vacuum tankers
- Septic Tanks
- Liquid manure spreaders

- 2" to 4" : Max. 45 PSI
- 6" : Max. 22 PSI
- Operating temp. range -15°C to 80°C
- Max. vacuum 10 PSI

No.	Mfg. No.	FPT
SPP7365	ART3-2	2"
SPP7366	ART3-3	3"
SPP7367	ART3-4	4"
SPP7368	ART3-6	6"

**NON-FREEZE
LAWN FAUCETS**



- Self-draining vacuum breaker
- Dual connection: 1/2" MPT or Copper
- Chrome Plated
- Garden hose connection
- CSA approved
- Shipped with a plastic insert to facilitate proper installation.

No.	Length
1/2" MPT x 1/2" CxC Connection	
SPP6052-04	4"
SPP6052-06	6"
SPP6052-08	8"
SPP6052-10	10"
SPP6052-12	12"
SPP6052-14	14"
3/4" MPT x 1/2" FPT Connection	
SPP6053-10	10"
SPP6053-12	12"

**NON-FREEZE
LAWN FAUCETS**



- Connections size 1/2" MPT & 1/2" Copper
- Chrome plated
- Garden hose connection
- CSA approved
- Shipped with a plastic insert to facilitate proper installation.

No.	Length
SPP6051-04	4"
SPP6051-06	6"
SPP6051-08	8"
SPP6051-10	10"
SPP6051-12	12"
SPP6051-14	14"

**NON-FREEZE PEX
LAWN FAUCETS**



- 1/2" Pex connection
- Chrome plated body & tube
- Black cast handle
- Garden hose outlet connection
- Built in self-draining vacuum breaker

No.	Length	Each
SPP0865P-040	4"	\$26.26
SPP0865P-060	6"	27.61
SPP0865P-080	8"	30.28
SPP0865P-100	10"	30.33
SPP0865P-120	12"	30.08
SPP0865P-140	14"	31.30

**FORGED BRASS BOILER
DRAIN/SEDIMENT FAUCETS**



FPT x FGHT

- Max 200°F (93°C)
- Min 20°F (-6°C)
- Max 150 PSI

No.	FPT x MGHT
SPP6028-05	1/2" x 3/4"
SPP6028-07	3/4" x 3/4"

**FORGED BRASS BOILER
DRAIN/SEDIMENT FAUCETS**

MPT x MGHT



- Max 200°F (93°C)
- Min 20°F (-6°C)
- Max 125 PSI

No.	MPT x MGHT
SPP6027-05	1/2" x 3/4"
SPP6027-07	3/4" x 3/4"

**CAST BRASS
HOSE BIBB**

PEX x MGHT



- For PEX Pipe
- Max. 212°F (100°C)
- Max. 125 PSI
- Cast hand wheel
- CSA Approved
- CSA does not apply to pex end

No.	Pex x MGHT
SPP6018-05	1/2" x 3/4"

BRONZE VACUUM BREAKER



- Manual drain
- Break-away set screw
- For vandal proof installation

No.	MGHT x FGHT
SPP6050-07	3/4" x 3/4"

**1/4 TURN BALL
HOSE BIBB**

MPT x MGHT



- Max 248°F (120° C)
- Max 200 PSI
- Cast on/off hand lever

No.	MPT x MGHT
SPP6035-05	1/2" x 3/4"
SPP6035-07	3/4" x 3/4"

**ROUGH BRASS
HOSE BIBB**

MPT x MGHT



- Max. 180°F
- Max. 125 PSI

No.	Inlet	Outlet
SPP6034-05	1/2" MPT	3/4" MGHT
SPP6034-07	3/4" MPT	3/4" MGHT

THREE WAY BRASS BALL VALVE



- Chrome plated brass ball
- 1/4 turn on/off lever action
- Plastic coated handle
- Max 400 PSI WOG
- Teflon seats
- Full Port

No.	FPT
SPPBV2101-D	1/2"
SPPBV2101-E	3/4"
SPPBV2101-H	1"

BLACK CARBON-STEEL BALL VALVES



- Full port
- Max. 2000 PSI

No.	FPT	Weight
SPP3600	1/4"	0.17 lbs.
SPP3601	3/8"	0.16 lbs.
SPP3602	1/2"	0.64 lbs.
SPP3603	3/4"	1.02 lbs.
SPP3605	1 1/4"	3.10 lbs.
SPP3607	2"	8.30 lbs.



NEEDLE VALVE

- 6000 PSI W.O.G.
- Threaded Ends

No.	FPT
SPP3477	1/4"
SPP3478	3/8"
SPP3479	1/2"
SPP3480	3/4"
SPP3481	1"



STAINLESS STEEL FULL PORT BALL VALVE

- Blowout proof stem
- 1000 PSI W.O.G.
- Adj. packing nut
- Locking handle
- Floating ball

No.	FPT
SPP7411	1/4"
SPP7412	3/8"
SPP7413	1/2"
SPP7414	3/4"
SPP7415	1"
SPP7416	1 1/4"
SPP7417	1 1/2"
SPP7418	2"
SPP7422	2 1/2"
SPP7419	3"
SPP7423	4"

STAINLESS STEEL BALL VALVES



- Full port
- Max 6000 PSI
- Weight 1.98 lbs.

No.	FPT
SPP85.300.046S	3/8"



FULL PORT GATE VALVE

- Threaded ends
- 200 PSI W.O.G.
- Investment casting
- Non-rising stem and handwheel

No.	FPT
SPP7392SS	1/2"
SPP7393SS	3/4"
SPP7394SS	1"
SPP7395SS	1 1/4"
SPP7396SS	1 1/2"
SPP7397SS	2"



STAINLESS STEEL 3 PIECE BALL VALVE

- Full port
- 1000 PSI W.O.G.
- Blow out proof stem
- Adj. packing nut
- Floating ball

No.	FPT
SPP7470	1/4"
SPP7471	3/8"
SPP7472	1/2"
SPP7473	3/4"
SPP7474	1"
SPP7475	1 1/4"
SPP7476	1 1/2"
SPP7477	2"
SPP7478	2 1/2"
SPP7479	3"
-	4"

STEEL BALL VALVES



- Full Port
- Max 7350 PSI
- Weight 1.98 lbs.

No.	FPT
SPP85.300.046	3/8"



STAINLESS STEEL 3 WAY BALL VALVE

- Adj. stem seals
- Blow out proof stem
- 1000 PSI W.O.G.
- "L" port
- 360° rotation

No.	FPT
SPP7435	1/2"
SPP7436	3/4"
SPP7437	1"
SPP7438	1 1/2"
SPP7439	2"

STAINLESS STEEL REDUCED PORT BALL VALVE



- One piece body
- Temp. -20° to 450°F
- 800 PSI W.O.G.
- Blowout proof stem
- Lock out handle
- Floating ball

No.	FPT
SPP7462	1/4"
SPP7463	3/8"
SPP7464	1/2"
SPP7465	3/4"
SPP7466	1"
SPP7467	1 1/4"
SPP7468	1 1/2"
SPP7469	2"



PVC TRUE UNION BALL VALVE

- Shipped complete with both thread and slip connections
- True union ball valve
- Two way blocking
- Teflon seats
- 150 PSI @ 73°F
- Full port
- EPDM o-ring

No.	FPT
SPP0924-05	1/2"
SPP0924-07	3/4"
SPP0924-10	1"
SPP0924-12	1 1/4"
SPP0924-15	1 1/2"
SPP0924-20	2"
SPP0924-40	4"



PVC TRUE UNION BALL VALVE

- Shipped complete with both thread and slip connections
- True union ball valve
- Two way blocking
- Teflon seats
- Full port
- 150 PSI @ 73°F
- Viton O-ring

No.	FPT
SPP0926-05	1/2"
SPP0926-07	3/4"
SPP0926-10	1"
SPP0926-12	1 1/4"
SPP0926-15	1 1/2"
SPP0926-20	2"
SPP0926-25	2 1/2"
SPP0926-30	3"
SPP0926-40	4"



POLYPROPYLENE KNIFE VALVE

- EPDM seals
- Full port
- Quick acting
- Not suitable for pressure

No.	Mfg. No.	FPT
SPP450035	450035	1 1/4"
SPP450037N	450037	2"



POLYPROPYLENE BALL VALVE

- Ideal for end nozzles
- EPDM o-ring seals
- FDA Grade PVC
- Max 250 PSI

No.	Size
SPP3170	1/4" FPT x 1/4" FPT



PVC COMPACT BALL VALVE

- EPDM
- Shock-resistant
- Full Port
- Max: 150 PSI
- Temp. range: 32°F - 122°F (0°C - 50°C)
- Not NSF Approved

Size	FPT	Slip
1/2"	SPP3181-2	3181-3
3/4"	SPP3182-2	3182-3
1"	SPP3183-2	3183-3
1 1/4"	SPP3184-2	3184-3
1 1/2"	SPP3185-2	3185-3
2"	SPP3186-2	3186-3



HERSHEY PVC COMPACT BALL VALVE

- Shock-resistant
- 150 PSI working temp. @ 73°F (22°C)
- Excellent flow characteristics
- Full port
- Suitable for Schedule 40 & 80 pipe
- Maintenance free design
- EPDM rubber parts

Size	FPT	Slip
1/2"	SPP3181	SPP3221
3/4"	SPP3182	SPP3222
1"	SPP3183	SPP3223
1 1/4"	SPP3184	SPP3224
1 1/2"	SPP3185	SPP3225
2"	SPP3186	SPP3226
2 1/2"	SPP3187	SPP3227
3"	SPP3188	SPP3228
4"	SPP3189	SPP3229



HERSHEY PVC COMPACT BALL VALVE

- Viton
- Shock-resistant
- 150 PSI working temp. @ 73°F (22°C)
- Excellent flow characteristics
- Full port
- Suitable for Schedule 40 & 80 pipe
- Maintenance free design
- EPDM rubber parts

Size	FPT	Slip
1/2"	SPP3181VI	3221VI
3/4"	SPP3182VI	3222VI
1"	SPP3183VI	3223VI
1 1/4"	SPP3184VI	3224VI
1 1/2"	SPP3185VI	3225VI
2"	SPP3186VI	3226VI

POLYPROPYLENE MICRO VALVES

- 90° rotating handle
- Precision molded polypropylene reinforced with fibreglass for additional strength
- Standard FKM (viton type) seats & o-rings
- 300 PSI Max.

HOSE BARB



No.	HB
SPPLVHB025V	1/4"
SPPLVHB038V	3/8"
SPPLVHB050V	1/2"
SPPLVHB075V	3/4"

FPT



No.	FPT
SPPLV025V	1/4"
SPPLV038V	3/8"
SPPLV050V	1/2"

FPT TO MPT



No.	FPT	MPT
SPPLV025MTV	1/4"	1/4"
SPPLV038MTV	3/8"	3/8"
SPPLV038050MTV	3/8"	1/2"
SPPLV050MTV	1/2"	1/2"
SPPLV050100MTV	1/2"	1"

HB TO MPT



No.	HB	MPT
SPPLVHB038050MTV	3/8"	1/2"
SPPLVHB075MTV	3/4"	3/4"
SPPLVHB075100MTV	3/4"	1"

FPT SIDE LOAD



No.	Size
SPPLV050SLV	1/2"

MANIFOLD VALVE



No.	Size
SPPLMLV100V	1"



POLYPROPYLENE PUSH LOCK MICRO VALVES

- John Guest® fitting
- 90° rotating handle
- Precision molded polypropylene is reinforced with fiberglass for additional strength
- Standard FKM (viton type) seats and O-rings
- 150 PSI Max.

No.	Tube OD	Opening
SPPLVPL025V	1/4"	3/8"
SPPLVPL038V	3/8"	3/8"
SPPLVPL050V	1/2"	15/32"
Tube OD x MPT		
SPPLVPL038MPTV	3/8" x 3/8"	3/8"
SPPLVPL038025MPTV	3/8" x 1/4"	3/8"



SIDE LOAD THREE WAY FULL PORT

Directional flow either right or left. Cannot be turned off.

No.	FPT	Ports
SPPV075SL	3/4"	1"
SPPV100SL	1"	1"
SPPV125SL	1 1/4"	1 1/2"
SPPV150SL	1 1/2"	1 1/2"
SPPV200SL	2"	2"



BOTTOM LOAD THREE WAY FULL PORT

Directional flow either right or left. Valve can be turned off to stop flow.

No.	FPT	Ports
SPPV075BL	3/4"	1"
SPPV100BL	1"	1"
SPPV125BL	1 1/4"	1 1/2"
SPPV150BL	1 1/2"	1 1/2"
SPPV200BL	2"	2"



SINGLE UNION POLYPROPYLENE BALL VALVE

- Safety Block Feature
- Full Port
- Precision ground ball
- Female threaded brass mounting inserts for 1/4", 1/2", & 2"
- Teflon seats with EPDM o-rings under seat for positive seal
- Double o-rings in stem area
- Max. 150 PSI at 75°F

No.	FPT
SPP4542132N	1/2"
SPP4542133N	3/4"
SPP4542134N	1"
SPP4542135N	1 1/4"
SPP4542136N	1 1/2"
SPP4542137N	2"



BANJO SINGLE UNION POLYPROPYLENE BALL VALVE

- Molded in glass reinforced polypropylene
- EPDM & Viton o-rings available
- Double o-rings in stem area
- Max. 100 PSI at 72°F
- Max. 75 PSI at 150°F
- Teflon seats

No.	FPT
SPPSUV050FP	1/2"
SPPSUV075FP	3/4"
SPPSUV100FP	1"
SPPSUV125FP	1 1/4"
SPPSUV150FP	1 1/2"
SPPSUV200FP	2"



THREE WAY SINGLE UNION POLYPROPYLENE BALL VALVE

- Side load
- Centre is off position
- All other features same as 3231 to 3236

No.	FPT
SPP9951-3050N	1/2"
SPP9951-3075N	3/4"
SPP9951-3100N	1"
SPP9951-3125N	1 1/4"
SPP9951-3150N	1 1/2"
SPP9951-3200N	2"



FULL PORT SINGLE UNION VALVE

- Max Pressure: 300 PSI at 70°F

No.	Mfg. No.	Size
SPPUV100FP	UV100FP	1"

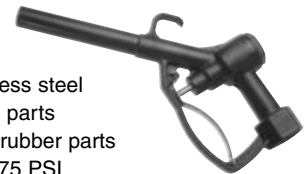
POLY AIR ACTUATED SHUTOFF VALVE



- Bladder pinches shut between 15 to 20 PSI
- EPDM or Viton seals
- Max. 70 PSI

No.	FPT
SPPP075	3/4"
SPPP075V	3/4"
SPPP100	1"
SPPP100V	1"
SPPP100-075	1" x 3/4"
SPPP100-075V	1" x 3/4"

BANJO POLY NOZZLE VALVE



- Stainless steel metal parts
- Viton rubber parts
- Max. 75 PSI
- 40 GPM

No.	FPT
SPPVN100	1"

BANJO RIGHT ANGLE BALL VALVE NOZZLE



- Convenient transfer of liquids
- Light weight
- Viton o-rings
- 8" long fill spout
- Max. 100 PSI

No.	Size
SPPVA150	1 1/2" FP
SPPVA200	2" STD
SPPVA200FP	2" FP

POLY SIPHON TUBES



No.	Mfg. No.	MPT
SPPST200	ST200	2"
SPPST300	ST300	3"

- Precision molded in Polypropylene reinforced with fiberglass for additional strength.
- Viton O-ring stem seal.
- Teflon self-lubricating stem bushings and seats cannot stick or bind.

- Stainless Steel Bolts.
- Self-aligning ball moves freely against the Teflon seats for smooth operation.
- Valve opens and closes with very little pressure on the handle.

- Ball is diamond turned after molding to make it spherically perfect, which provides the right contact between ball and seats.
- Maximum operating pressure 100 PSI at 70°F — 75 PSI at 150°F.
- Max. Temperature 185°F

3-WAY BALL VALVE HANDLE RISERS



BL - Bottom Load
SL - Side Load
FP - Full Port
SP - Standard Port

No.	Type
SPPV10153138	3/4" & 1" BL
SPPV10153138BL	1" FP & 1 1/4" SP, 3/4" & 1" SL
SPPV20153138	1 1/4" & 1 1/2" BL
SPPV20153138BL	1 1/4" FP - 2" SP, 1 1/4" & 1 1/2" SL
SPPV25153138	2" & 3" FP BL
SPPV25153138BL	2" FP & 2" SL

2" - 4 BOLT STUBBY BALL VALVES



2" FPT x 2" MALE ADAPTER

No.	Mfg. No.	Port
SPPVSF200	VSF200	1 1/2"
SPPVSF204FP	VSF200FP	2"



2" FPT x 2" MPT

No.	Mfg. No.	Port
SPPVSMT200	VSMT200	1 1/2"
SPPVSMT204FP	VSMT204FP	2"



2" MALE ADAPTER x 2" MPT

No.	Mfg. No.	Port
SPPVSFMT200	VSFMT200	1 1/2"
SPPVSFMT204FP	VSFMT200FP	2"



2" 4 BOLT FULL PORT COMBINATION VALVE

No.	Mfg. No.	Port
SPPVFMT204FP	VFMT204FP	2"



BANJO VALVE MOUNTING BRACKETS

- 304 Stainless steel bracket
- For Valve #V150, V200, V200FP, V300, V400, VFMT200FP & VFMT200FSPH

No.	Type
SPPV25270	Straight
SPPV25271	Angle

3" - 6 BOLT STUBBY BALL VALVES



3" MPT x 3" FPT

- 6 Bolt

No.	FPT	Port	MPT
SPPVSMT300	3"	2 1/2"	3"



3" MALE ADAPTER x 3" FPT

- 6 Bolt

No.	FPT	Port	Adapter
SPPVSF300	3"	2 1/2"	3"



3" MALE ADAPTER x 3" MPT

- 6 Bolt

No.	MPT	Port	Adapter
SPPVSFMT300	3"	2 1/2"	3"
SPPVSFMT300FP	3"	3"	3" FP



FULL PORT 6 BOLT COMBINATION 2" MALE ADAPTER

No.	Mfg. No.	Port
SPPVFMT200FP	VFMT200FP	2"

With shorter handle for use in restricted areas
SPPVFMT200FSPH VFMT200FSPH 2"



REPLACEMENT HANDLES

No.	For Valves
SPPV10153A	3197-3199, 3200, 3201
SPPV20153	3202, 3203, 3204
SPPV25153	3205, 3206, 3207, 3211



4 BOLT VALVES

No.	Mfg. No.	FPT	Port
SPPV050	V050	1/2"	3/4"
SPPV075	V075	3/4"	3/4"
SPPV100	V100	1"	3/4"
SPPV100FP	V100FP	1"	1"
SPPV125	V125	1 1/4"	1"
SPPV125FP	V125FP	1 1/4"	1 1/2"
SPPV150	V150	1 1/2"	1 1/2"
SPPV200	V200	2"	1 1/2"
SPPV204FP	V204FP	2"	2"



6 BOLT VALVES

No.	Mfg. No.	FPT	Port
SPPV200FP	V200FP	2"	2"
SPPV300	V300	3"	2 1/2"
SPPV300FP	V300FP	3"	3"
SPPV400	V400	4"	3 1/2"



BANJO 2" FULL PORT ANSI FLANGE VALVE



No.	Mfg. No.	Description
SPPVSF200FPAF	VSF200FPAF	2" Male Adapter
SPPVSMT200FPAF	VSMT200FPAF	2" MPT
SPPAF200G		2" EPDM Gasket
SPPAF200GV		2" Viton Gasket



STUBBY VALVE 2" ADAPTER x 2" HB

No.	Mfg. No.	HB	Adapter
SPPVSFHB200	VSFHB200	2"	2"



STUBBY VALVE 2" FULL PORT FPT x FPT

No.	Mfg. No.	FPT x FPT
SPPVS204FP	VS204FP	2" x 2"



LOCKING DEVICE

*Lock not included

No.	For Valves
SPPVL20153	3202, 3203, 3204



LOCKING HANDLE

No.	For Valves
SPPVL25153	3205, 3206, 3207 & 3211



WORM GEAR CLAMP
316 Stainless Steel
Gasket not included

No.	Mfg. No.	Flange ID x OD
SPPFC100	FC100	1" x 2"
SPPFC200	FC200	1½" x 3"
SPPFC220	FC220	2" x 3¼"
SPPFC300	FC300	3" x 4¾"



T-BOLT FLANGE CLAMPS
Heavy Duty

- 316 Stainless steel
- 2" - 150 PSI @ 70°F
- 3" - 125 @ 70°F

No.	Size	Torque
SPPFC220TB	2" Full Port	125 in/lbs
SPPFC300TB	3" Full Port	125 in/lbs



BOLTED FLANGE CLAMPS
Stats as above

No.	Size	Torque
SPPFC220B	2" Full Port	90-100 in/lbs
SPPFC300B	3"	90-100 in/lbs



WORM GEAR CLAMP GASKETS

EPDM GASKET

No.	Mfg. No.	Flange ID x OD
SPPM100G	M100G	1½" x 1¾"
SPP150G	150G	1½" x 2¾"
SPP200G	200G	2" x 2½"
SPP300G	300G	3" x 3¾"

VITON GASKET

No.	Mfg. No.	Flange ID x OD
SPPM100GV	M100GV	1½" x 1¾"
SPP150GV	150GV	1½" x 2¾"
SPP200GV	200GV	2" x 2½"
SPP300GV	300GV	3" x 3¾"

RIBBED FLANGED GASKETS

No.	Size
SPPM101G	1"
SPPM201G	2"
SPPM221G	2" Full Port
SPPM301G	3"

HYPRO UNIVERSAL FLANGE CLAMP



- Black GTX polymer
- 150 PSI @ 70°F
- 3" - 125 @ 70°F

No.	Description
SPPUFC0100	1" Clamp
SPPUFC0150	1½" Clamp
SPPUFC0200	2" Clamp
SPPUFC0300	3" Clamp
SPPUFG0100E-A	1" EPDM Gasket
SPPUFG0150E-A	1½" EPDM Gasket
SPPUFG0200E-A	2" EPDM Gasket
SPPUFG0300E-A	3" EPDM Gasket



1" MANIFOLD FULL PORT SINGLE UNION SPINWELD VALVE

- PTFE seats for smooth operation and proper sealing characteristics.
- EPDM O-rings to handle many chemicals.
- Double O-rings in stem for extra sealing
- Max 300 PSI at 70°F.

Part No. SPPMSUV100FP



2" SP FLANGE x 2" MPT

VSM200CF

No.	Flange ID	OD	MPT
SPPVSMT200CF	1½"	3"	2"



2" FP FLANGE x 2" FPT

MVS220FP

No.	Flange ID	OD	FPT
SPPMVS220FP	2"	3¼"	2"



2" FP FLANGE x 2" FP FLANGE

MVS220CF

No.	Flange ID	OD	Port
SPPMVS220CF	2"	3¼"	2"



3" MANIFOLD FLANGE x 3" MALE ADAPTER

No.	Flange	Adapter	Port
SPPMVSF300	3"	3"	2½"
SPPMVSF300FP	3" FP	3"	3"



MANIFOLD BALL VALVES

- Flange x Flange
4 Stainless Steel Bolts
• Max. PSI 150

No.	Mfg. No.	Flange	Port
SPPMV100CF	MV100CF	1"	1"
SPPMV200CF	MV200CF	2"	1½"
SPPMV220CF	MV220CF	2" FP	2"



MANIFOLD 3" BALL VALVES

- Flange x Flange
6 Stainless Steel Bolts
• Max. PSI 100

No.	Flange	Port
SPPMV300	3"	2½"
SPPMV300CF	3" FP	3"

- Stainless steel bolt
- Glass filled polypropylene
- Multiple design options
- Lightweight
- Maximum PSI:
- 100 PSI @ 70°F
- 75 PSI @ 150°F



2" SP FLANGE x 2" MALE ADAPTER

VSF200CF

No.	Flange ID	OD	Adapter
SPPVSF200CF	1½"	3"	2"



2" FP FLANGE x 2" MALE ADAPTER

MVSF220FP

No.	Flange ID	OD	Adapter
SPPMVSF220FP	2"	3¼"	2"



MANIFOLD FLANGE x MPT

No.	Flange	MPT	Port
SPPMVSMT220FP	2" FP	2"	2"
SPPMVSMT300	3"	3"	2½"



3-WAY MANIFOLD BALL VALVE SIDE LOAD

- Directional flow right or left
- Valve cannot be turned off to stop flow
- Viton seals • Max. 100 PSI

No.	Flange ID	OD	Port
SPPMV100SL	1"	2"	1"
SPPMV200SL	1½"	3"	1½"
SPPMV220SL	2"	3¼"	2"



3-WAY MANIFOLD BALL VALVE BOTTOM LOAD

- Directional flow right or left
- Valve can be turned off
- Viton seals • Max. 100 PSI

No.	Flange ID	OD	Port
SPPMV100BL	1"	2"	1"
SPPMV200BL	1½"	3"	1½"
SPPMV220BL	2"	3¼"	2"
SPPMV300BL	3"	4¾"	3"



3" MANIFOLD STUBBY VALVES

- Max. PSI 100

No.	Flange	Port
SPPMVS300CF	3"	2½"
SPPMVS300CFFP	3" FP	3"



- Positive seals
- Easy on/off hose connections
- 1" & 2" fittings : Max. 150 PSI @ 70°F
- 3" fittings : Max. 125 PSI @ 70°F

Specifications	Full Port 100	Stan. Port 200	Full Port 220	Full Port 300
Inside Diameter	1"	1½"	2"	3"
Outside Diameter	2"	3"	3¼"	4¾"



HOSE BARB ADAPTER

No.	Mfg. No.	Flange	HB
SPPM100075BRB	M100075BRB	1"	3/4"
SPPM100BRB	M100BRB	1"	1"
SPPM100125BRB	M100125BRB	1"	1¼"
SPPM200100BRB	M200100BRB	2"	1"
SPPM200125BRB	M200125BRB	2"	1¼"
SPPM200150BRB	M200150BRB	2"	1½"
SPPM200BRB	M200BRB	2"	2"
SPPM220100BRB	M220100BRB	2" FP	1"
SPPM220125BRB	M220125BRB	2"	1¼"
SPPM220150BRB	M220150BRB	2" FP	1½"
SPPM220BRB	M220BRB	2" FP	2"
SPPM220250BRB	M220250BRB	2"	2½"
SPPM300220BRB	M300220BRB	3"	2"
SPPM300BRB	M300BRB	3"	3"



FPT ADAPTER

No.	Mfg. No.	Flange	FPT
SPPM100050FPT	M100050FPT	1"	1/2"
SPPM100075FPT	M100075FPT	1"	3/4"
SPPM100FPT	M100FPT	1"	1"
SPPM200FPT	M200FPT	2"	2"
SPPM220FPT	M220FPT	2" FP	2"
SPPM300FPT	M300FPT	3"	3"



MPT ADAPTER

No.	Mfg. No.	Flange	MPT
SPPM100075MPT	M100075MPT	1"	3/4"
SPPM100MPT	M100MPT	1"	1"
SPPM100125MPT	M100125MPT	1"	1"
SPPM200125MPT	M200125MPT	2"	1¼"
SPPM200150MPT	M200150MPT	2"	1½"
SPPM200MPT	M200MPT	2"	2"
SPPM220MPT	M220MPT	2" FP	2"
SPPM300MPT	M300MPT	3"	3"



FLANGE "Y" COUPLING

*3/4" Gauge Port

No.	Mfg. No.	Flange
SPPM220Y45	M220Y45	2" FP
-	-	2"
SPPM220YG45	M220YG45	2" FP*
SPPM300Y45	-	3"
SPPM300YG45	-	3"



90° HOSE BARB ADAPTER

No.	Mfg. No.	Flange	HB
SPPM100075BRB90	M100075BRB90	1"	3/4"
SPPM100BRB90	M100BRB90	1"	1"
SPPM100125BRB90	M100125BRB90	1"	1¼"
SPPM100150BRB90	M100150BRB90	1"	1½"
SPPM200100BRB90	M200100BRB90	2"	1"
SPPM200125BRB90	M200125BRB90	2"	1¼"
SPPM200150BRB90	M200150BRB90	2"	1½"
SPPM200BRB90	M200BRB90	2"	2"
SPPM220150BRB90	M220150BRB90	2" FP	1½"
SPPM220BRB90	M220BRB90	2" FP	2"
SPPM300220BRB90	M300220BRB90	3"	2"
SPPM300BRB90	M300BRB90	3"	3"



FLANGE TEE

No.	Mfg. No.	Size
SPPM100TEE	M100TEE	1"
SPPM101TEE	M101TEE	1" - Long
SPPM200100TEE	M200100TEE	2" Port x 1"
SPPM200TEE	M200TEE	2" Port
SPPM220100TEE	M220100TEE	2" FP x 1"
-	M220200TEE	2" FP x 2"
SPPM220TEE	M220TEE	2" FP
SPPM300TEE	M300TEE	3"



FLANGE CROSS

No.	Mfg. No.	Flange
SPPM100CR	M100CR	1"
SPPM200CR	M200CR	2"
SPPM220CR	M220CR	2" FP
SPPM300CR	M300CR	3"



FLANGE 90° ELBOW

No.	Mfg. No.	Flange
SPPM100CPG90	M100CPG90	1"
SPPM200CPG90	M200CPG90	2"
SPPM200CPG90SH	M200CPG90SH	2" Short
SPPM220CPG90	M220CPG90	2" FP
SPPM300CPG90	M300CPG90	3" FP



3" MANIFOLD "Y" 3" FP Flange x 2" FP Flange Part No. SPPM300220WYCG



FLANGE 45° ELBOW

No.	Mfg. No.	Size
SPPM100CPG45	M100CPG45	1"
SPPM200CPG45	M200CPG45	2"
SPPM220CPG45	M220CPG45	2" FP
SPPM300CPG45	M300CPG45	3" FP



FLANGE COUPLING

No.	Mfg. No.	Size
SPPM100CPG	M100CPG	1" x 2¼" Long
SPPM200CPG	M200CPG	2" x 4½" Long
SPPM220CPG	M220CPG	2" FP x 2³⁄₈" Long
SPPM220CPG6	M220CPG6	2" FP x 6" Long
SPPM300CPG	M300CPG	3" FP x 4" Long
SPPM300CPG7	-	3" x 7" Long
SPPM300CPG12	-	3" FP x 12" Long
SPPM220CPG3G*	-	2" FP x 3" Long
SPPM300CPG12G*	-	3" FP x 12" Long

*Gauge port



REDUCING COUPLING

No.	Mfg. No.	Flange Reducer
SPPM200100CPG	M200100CPG	2" 1"
SPPM220100CPG	-	2" FP 1"
SPPM220200CPG	M220200CPG	2" FP 2"
SPPM300200CPG	M300200CPG	3" 2" Port
SPPM300220CPG	M300220CPG	3" 2" FP



45° HOSE BARB ELBOW

No.	Mfg. No.	Flange	HB
SPPM100BRB45	M100BRB45	1"	1"
SPPM200BRB45	M200BRB45	2"	2"
SPPM200125BRB45	-	2"	1¼"
SPPM200150BRB45	-	2"	1½"
SPPM220BRB45	M220BRB45	2" FP	2"
SPPM300BRB45	M300BRB45	3"	3"



HOSE BARB TEE

No.	Flange	HB
SPPM100100HBT	1"	1"
SPPM100125HBT	1"	1¼"
SPPM220200HBT	2" FP	2"
SPPM300300HBT	3"	3"

POLYPROPYLENE INDUCTORS



No.	Size
SPPHV150	1½" MPT
SPPHV200	2" MPT
SPPMHV200	2" Manifold w/ 1½" Port
SPPMHV220A	2" FP Manifold

90° SWEEPS

- Direct replacement for standard 90° flanged couplings
- Positive seals
- Quick & easy assembly
- Easy On/Off hose connections

- 360° Orientation
- 1" fittings pressure to 300 PSI at 70°F
- 2" fittings pressure to 200 PSI at 70°F
- 3" fittings pressure to 125 PSI at 70°F



FLANGE x HB

No.	Size
SPPM100BRBSWP90	1"
SPPM100125BRBSWP90	1" x 1 1/4" HB
SPPM200150BRBSWP90	2" x 1 1/2"
SPPM220BRBSWP90	2" FP
SPPM300BRBSWP90	3"



FLANGE x HB WITH 1/4" GAUGE PORT

No.	Size
SPPM100BRBSWP90	1" FP
SPPM100125BRBSWP90	1" x 1 1/4" HB



FLANGE x FLANGE

No.	Flange
SPPM100SWP90	1"
SPPM200SWP90	2"
SPPM220SWP90	2" FP
SPPM220200SWP90	2" FP x 2"
SPPM300SWP90	3"
SPPM300220SWP90	M300 x M220



FLANGE x FLANGE WITH 1/4" GAUGE PORT

No.	Flange
SPPM100SWPG90	1"
SPPM220SWPG90	2" FP
SPPM300SWPG90	3"



FLANGE x MPT

No.	Size
SPPM220MPTSWP90	2" FP
SPPM300MPTSWP90	3"



FLANGE x MPT WITH 1/4" GAUGE PORT

No.	Size
SPPM300MPTSWPG90	3"



FLANGE x MALE ADAPTER

No.	Size
SPPM220ASWP90	2" FP
SPPM300ASWP90	3"



FLANGE x MALE ADAPTER WITH 1/4" GAUGE PORT

No.	Size
SPPM300ASWPG90	3"



1" MANIFOLD PRESSURE SPIKE VALVES

No.	Pressure Spike
SPPMPRV100-050	50 PSI
SPPMPRV100-075	75 PSI
SPPMPRV100-100	100 PSI



FEMALE QUICK DISCONNECT

No.	Flange	Coupler
SPPM220D	2" FP	2"
SPPM303D	3"	3" w/3 arms



MALE QUICK DISCONNECT

No.	Flange	Adapter
SPPM100A	1"	1"
SPPM200A	2"	2"
SPPM220A	2" FP	2"
SPPM300A	3"	3"

FLANGE x HB

FLANGE x HB WITH 1/4" GAUGE PORT

FLANGE x FLANGE

FLANGE x MALE ADAPTER

FLANGE x MALE ADAPTER WITH 1/4" GAUGE PORT

FLANGE PLUGS



No.	Mfg. No.	Flange
SPPM100PLG	M100PLG	1"
SPPM200PLG	M200PLG	2"
SPPM220PLG	M220PLG	2" FP
SPPM300PLG	M300PLG	3"

With Gauge Outlet		Flange	FPT
SPPM100PLG025	M100PLG025	1"	1/4"
SPPM100PLG050	M100PLG050	1"	1/2"
SPPM200PLG018	M200PLG018	2"	1/8"
SPPM200PLG025	M200PLG025	2"	1/4"
SPPM200PLG038	M200PLG038	2"	3/8"
SPPM200PLG050	M200PLG050	2"	1/2"
SPPM200PLG075	M200PLG075	2"	3/4"
SPPM200PLG100	M200PLG100	2"	1"
SPPM220PLG038	M220PLG038	2"	3/8"
SPPM220PLG075	M220PLG075	2" FP	3/4"
SPPM300PLG075	M300PLG075	3"	3/4"
SPPM300PLG100	M300PLG100	3"	1"

2" FULL PORT MANIFOLD FLANGE SWIVEL

75 PSI Max.

Part No. **SPPMSW220**



DRY POPPET COUPLINGS

- Lightweight
- Max. 70 P.S.I. @ 70°F
- Max. 150°F
- Precision molded in polypropylene.
- Viton seals
- 30 GPM Max.

No.	Description
SPPDPCF100	Female x 1" FPT
SPPDPCM100	Male x 1" FPT
SPPDPCMT100	Male x 2" MPT & 1" FPT

POLYPROPYLENE DRY-DISCONNECTS



No.	Description
SPPDM200A	2" Male x FPT
SPPDM200DCF	2" Female x FPT
SPPDM200ACF	2" Flanged Male
SPPDM200DCF	2" Flanged Female



POLY CHECK VALVES

- Flanged connections
- Molded in glass reinforced polypropylene
- EPDM O-ring
- Max. 150 PSI

No.	Flange
SPPMCV100	1"
SPPMCV200	1 1/2"
SPPMCV220	2"
SPPMCV300	3"

POLY / NYLON / METAL FITTINGS

- Precision molded in polypropylene.
- Glass reinforced for stability, strength and toughness.
- Hose barbs are molded specifically to fit properly into hoses.
- Combination sizes available for elbows and straight barbs.
- Excellent chemical resistance.

- Pressure to 150 PSI at 70°F
- Max. Temp. 185°F
- Banjo polypropylene fittings have excellent resistance to chemicals, including acids.
- Banjo polypropylene fittings have excellent resistance to water. Unlike nylon fittings they do not swell up when in use and shrink again when allowed to dry out, causing endless leaks each time the process is repeated such as when used on a field sprayer.

- Banjo polypropylene fittings in most part have a heavier wall, longer tapered threads and longer hose barbs. The two hose barbs are spaced so that a hose clamp can be placed between the two barbs making it virtually impossible to remove the hose without first removing the clamp.



ADAPTER
MPT x HB

No.	MPT x HB
SPPHB025	1/4" x 1/4"
SPPHB025-038	1/4 x 3/8"
SPPHB025-050	1/4" x 1/2"
SPPHB038-025	3/8" x 1/4"
SPPHB038	3/8" x 3/8"
SPPHB038-050	3/8" x 1/2"
SPPHB050-038	1/2" x 3/8"
SPPHB050	1/2" x 1/2"
SPPHB050-075	1/2" x 3/4"
SPPHB075-038	3/4" x 3/8"
SPPHB075-050	3/4" x 1/2"
SPPHB075-058	3/4" x 5/8"
SPPHB075	3/4" x 3/4"
SPPHB075-100	3/4" x 1"
SPPHB100-075	1" x 3/4"
SPPHB100	1" x 1"
SPPHB100-125	1" x 1 1/4"
SPPHB125-075	1 1/4" x 3/4"
SPPHB125-100	1 1/4" x 1"
SPPHB125	1 1/4" x 1 1/4"
SPPHB125-150	1 1/4" x 1 1/2"
SPPHB150-100	1 1/2" x 1"
SPPHB150-125	1 1/2" x 1 1/4"
SPPHB150	1 1/2" x 1 1/2"
SPPHB150-200	1 1/2" x 2"
SPPHB200-150	2" x 1 1/2"
SPPHB200	2" x 2"
SPPHB300	3" x 3"
SPPHB-400	4" x 4"



COMBINATION TEE
HB x HB x MPT

No.	HB x HB x MPT
SPPHBT150-100	1 1/2" x 1 1/2" x 1"
SPPHBT150-150	1 1/2" x 1 1/2" x 1 1/2"
SPPHBT100-100	1" x 1" x 1"



TEE
FPT

No.	FPT
SPPTEE038	3/8"
SPPTEE050	1/2"
SPPTEE075	3/4"
SPPTEE100	1"
SPPTEE125	1 1/4"
SPPTEE150	1 1/2"
SPPTEE200	2"



ELBOW
MPT x HB

No.	MPT x HB
SPPHB025-90	1/4" x 1/4"
SPPHB025/038-90	1/4" x 3/8"
SPPHB025/050-90	1/4" x 1/2"
SPPHB038-90	3/8" x 3/8"
SPPHB050/038-90	1/2" x 3/8"
SPPHB050-90	1/2" x 1/2"
SPPHB050/075-90	1/2" x 3/4"
SPPHB075/050-90	3/4" x 1/2"
SPPHB075-90	3/4" x 3/4"
SPPHB075/100-90	3/4" x 1"
SPPHB075/100-90	1" x 3/4"
SPPHB100-90	1" x 1"
SPPHB100/125-90	1" x 1 1/4"
SPPHB125/100-90	1 1/4" x 1"
SPPHB125-90	1 1/4" x 1 1/4"
SPPHB125/150-90	1 1/4" x 1 1/2"
SPPHB150/125-90	1 1/2" x 1 1/4"
SPPHB150-90	1 1/2" x 1 1/2"
SPPHB200/150-90	2" x 1 1/2"
SPPHB200-90	2" x 2"
SPPHB300-90	3" x 3"



90° STREET ELBOW
MPT x FPT

No.	MPT x FPT
SPPSL025-90	1/4" x 1/4"
SPPSL038-90	3/8" x 3/8"
SPPSL050-90	1/2" x 1/2"
SPPSL075-90	3/4" x 3/4"
SPPSL100-90	1" x 1"
SPPSL125-90	1 1/4" x 1 1/4"
SPPSL150-90	1 1/2" x 1 1/2"
SPPSL200-90	2" x 2"
SPPSL300-90	3" x 3"



FEMALE 90° PIPE ELBOW

No.	FPT
SPPEL038-90	3/8"
SPPEL050-90	1/2"
SPPEL075-90	3/4"
SPPEL100-90	1"
SPPEL125-90	1 1/4"
SPPEL150-90	1 1/2"
SPPEL200-90	2"
SPPEL300-90	3"



HOSE BARB JOINER

No.	HB x HB
SPPHM050	1/2" x 1/2"
SPPHM075	3/4" x 3/4"
SPPHM100	1" x 1"
SPPHM125	1 1/4" x 1 1/4"
SPPHM150	1 1/2" x 1 1/2"
SPPHM200	2" x 2"
SPPHM300	3" x 3"



BANJO HOSE BARB TEE

No.	AB	C
SPPHBT025	1/4"	1/4"
-	3/8"	3/8"
SPPHBT050-038	1/2"	3/8"
SPPHBT050-075	1/2"	3/4"
SPPHBT075-050	3/4"	1/2"
SPPHBT075	3/4"	3/4"
SPPHBT075-100	3/4"	1"
SPPHBT100-075	1"	3/4"
SPPHBT100	1"	1"
SPPHBT200	2"	2"
SPPHBT300	3"	3"



ADAPTER
FPT x HB

No.	FPT x HB
SPPHBF075	3/4" x 3/4"
SPPHBF075-100	3/4" x 1"
SPPHBF100	1" x 1"



POLY MANIFOLD
8 - 1/2" Ports
3/4" Inlet
1/4" Gauge Port

No.	In	Out
SPPTM075/050	3/4"	1/2"



**45° STREET
ELBOW**
FPT x MPT

No.	FPT x MPT
SPPSL075-45	3/4" x 3/4"
SPPSL100-45	1" x 1"
SPPSL125-45	1 1/4" x 1 1/4"
SPPSL150-45	1 1/2" x 1 1/2"
SPPSL200-45	2" x 2"
SPPSL300-45	3" x 3"



**FEMALE
45°
PIPE
ELBOW**

No.	FPT
SPPEL100-45	1"



**REDUCING
BUSHING**
MPT x FPT

No.	MPT x FPT
SPPRB038-025	3/8" x 1/4"
SPPRB050-025	1/2" x 1/4"
SPPRB050-038	1/2" x 3/8"
SPPRB075-018	3/4" x 1/8"
SPPRB075-025	3/4" x 1/4"
SPPRB075-038	3/4" x 3/8"
SPPRB075-050	3/4" x 1/2"
SPPRB100-018	1" x 1/8"
SPPRB100-025	1" x 1/4"
SPP26-10012P	1" x 1/2"
SPPRB100-075	1" x 3/4"
SPPRB125-038	1 1/4" x 3/8"
SPPRB125-075	1 1/4" x 3/4"
SPPRB125-100	1 1/4" x 1"
SPPRB150-075	1 1/2" x 3/4"
SPPRB150-100	1 1/2" x 1"
SPPRB150-125	1 1/2" x 1 1/4"
SPPRB200-075	2" x 3/4"
SPPRB200-100	2" x 1"
SPPRB200-125	2" x 1 1/4"
SPPRB200-150	2" x 1 1/2"
SPPRB300-150	3" x 1 1/2"
SPPRB300-200	3" x 2"
SPPRB400-300	4" x 3"



CAP
FPT

No.	FPT
SPPCAP050	1/2"
SPPCAP075	3/4"
SPPCAP100	1"
SPPCAP125	1 1/4"
SPPCAP150	1 1/2"
SPPCAP200	2"
SPPCAP300	3"



**REDUCING
NIPPLE**
MPT

No.	MPT x MPT
SPPRN050-038	1/2" x 3/8"
SPPRN075-050	3/4" x 1/2"
SPPRN100-050	1" x 1/2"
SPPRN100-075	1" x 3/4"
SPPRN125-075	1 1/4" x 3/4"
SPPRN125-100	1 1/4" x 1"
SPPRN150-100	1 1/2" x 1"
SPPRN150-125	1 1/2" x 1 1/4"
SPPRN200-125	2" x 1 1/4"
SPPRN200-150	2" x 1 1/2"
SPPRN300-200	3" x 2"



**REDUCING
COUPLING**
FPT

No.	FPT x FPT
-	3/4" x 1/4"
-	1" x 1/4"
SPPRC100-075	1" x 3/4"
SPPRC150-100	1 1/2" x 1"
SPPRC150-125	1 1/2" x 1 1/4"
SPPRC200-050	2" x 1/2"
SPPRC200-100	2" x 1"
SPPRC200-125	2" x 1 1/4"
SPPRC200-150	2" x 1 1/2"
SPPRC300-200	3" x 2"



CROSS
FPT

No.	FPT
SPPCR025	1/4"
SPPCR050	1/2"
SPPCR075	3/4"
SPPCR100	1"
SPPCR125	1 1/4"
SPPCR150	1 1/2"
SPPCR200	2"



NIPPLE
MPT

No.	MPT x Length
SPPNIP025-SH	1/4" x Short
SPPNIP038-SH	3/8" x Short
SPPNIP050-SH	1/2" x Short
SPPNIP050-3	1/2" x 3"
SPPNIP075-SH	3/4" x Short
SPPNIP075-4	3/4" x 4"
SPPNIP075-6	3/4" x 6"
SPPNIP100-SH	1" x Short
SPPNIP100-4	1" x 4"
SPPNIP100-6	1" x 6"
SPPNIP125-SH	1 1/4" x Short
SPPNIP125-4	1 1/4" x 4"
SPPNIP125-6	1 1/4" x 6"
SPPNIP150-SH	1 1/2" x Short
SPPNIP150-3	1 1/2" x 3"
SPPNIP150-4	1 1/2" x 4"
SPPNIP150-5	1 1/2" x 5"
SPPNIP150-6	1 1/2" x 6"
SPPNIP200-SH	2" x Short
SPPNIP200-4	2" x 4"
SPPNIP200-6	2" x 6"
SPPNIP300-SH	3" x Short
SPPNIP300-4	3" x 4"
SPPNIP300-6	3" x 6"
SPPNIP-400-SH	4" x Short



COUPLING
FPT

No.	FPT
SPPCPLG025	1/4"
SPPCPLG038	3/8"
SPPCPLG050	1/2"
SPPCPLG075	3/4"
SPPCPLG100	1"
SPPCPLG125	1 1/4"
SPPCPLG150	1 1/2"
SPPCPLG200	2"
SPPCPLG300	3"



**HEX HEAD
PIPE PLUG**

No.	MPT
SPPPLUG025	1/4"
SPPPLUG038	3/8"
SPPPLUG050	1/2"
SPPPLUG075	3/4"
SPPPLUG100	1"
SPPPLUG125	1 1/4"
SPPPLUG150	1 1/2"
SPPPLUG200	2"
SPPPLUG300	3"

POLY / NYLON / METAL FITTINGS

Sprayer Parts Warehouse polypropylene fittings are made exclusively from Tenite P6M 52-015 resin homopolymer reinforced with random glass fibers.

Polypropylene fittings are generally acceptable for use at working pressures up to 150 PSI at ambient temperatures. As with all thermoplastics, an increase in working temperature is accompanied by a decrease in operating pressure. For example, at 140°F, the upper working pressure limit is 90 PSI.

Polypropylene has excellent resistance to a broad range of chemicals including most agricultural chemicals, acid based fertilizers, ammonium compounds, calcium carbonate, ethanol, hydrochloric acid, magnesium sulfate, oxalic acid, propionic acid, phosphoric acid and most sodium compounds.

Polypropylene fittings should not be used with aromatic hydrocarbons, carbon tetrachloride, gasoline, hexane, kerosene, nitric acid, sodium hypochlorite, toluene trichloroethylene and xylene.

Recommended

- Hand tighten plus another turn with box or open end wrench
- Use at normal ag sprayer spring and summer field conditions
- Use for acid resistance
- Use Teflon tape or Teflon sealants
- Use for UV resistance, prolonged exposure to sunlight
- Use for cosmetic appearance

Not recommended

- Use impact wrenches
- Overtighten
- Use at very hot or cold temperatures over 150°F or under 32°F
- Use with toluene or xylene based chemicals

PHYSICAL PROPERTIES OF P6M52-015 POLYPROPYLENE

Specific Gravity	0.91
Heat Distortion	170°F
Rockwell hardness (R)	85
Izod Impact	1.3ft.-lbs./in.



POLYPROPYLENE ADAPTER

UNF x HB
MPT x HB

No.	UNF x HB
SPP10-14-2814P	1/4"-28 x 1/4"
MPT x HB	
SPP10-18P	1/8" x 1/8"
SPP10-18532P	1/8" x 5/32"
SPP10-1814P	1/8" x 1/4"
SPP10-1838P	1/8" x 3/8"

No.	MPT x HB
SPP10-1418P	1/4" x 1/8"
SPP10-14316P	1/4" x 3/16"
SPP10-14P	1/4" x 1/4"
SPP10-14516P	1/4" x 5/16"
SPP10-1438P	1/4" x 3/8"
SPP10-1412P	1/4" x 1/2"
SPP10-3814P	3/8" x 1/4"
SPP10-38516P	3/8" x 5/16"
SPP10-38P	3/8" x 3/8"
SPP10-3812P	3/8" x 1/2"
SPP10-3858P	3/8" x 5/8"
SPP10-3834P	3/8" x 3/4"
-	1/2" x 3/16"
10-1214P	1/2" x 1/4"
SPP10-1214P	1/2" x 3/8"
SPP10-12P	1/2" x 1/2"
SPP10-1258P	1/2" x 5/8"
SPP10-1234P	1/2" x 3/4"
SPP10-12100P	1/2" x 1"
SPP10-3414P	3/4" x 1/4"
SPP10-3438P	3/4" x 3/8"

No.	MPT x HB
SPP10-3412P	3/4" x 1/2"
SPP10-3458P	3/4" x 5/8"
SPP10-34P	3/4" x 3/4"
SPP10-34100P	3/4" x 1"
SPP10-34114P	3/4" x 1 1/4"
SPP10-10034P	1" x 3/4"
SPP10-100P	1" x 1"
SPP10-100114P	1" x 1 1/4"
SPP10-11434P	1 1/4" x 3/4"
SPP10-114100P	1 1/4" x 1"
SPP10-114P	1 1/4" x 1 1/4"
SPP10-114112P	1 1/4" x 1 1/2"
SPP10-11234P	1 1/2" x 3/4"
SPP10-112100P	1 1/2" x 1"
SPP10-112114P	1 1/2" x 1 1/4"
SPP10-112P	1 1/2" x 1 1/2"
SPP10-112200P	1 1/2" x 2"
SPP10-200112P	2" x 1 1/2"
SPP10-200P	2" x 2"



POLYPROPYLENE ELBOW

UNF x HB
MPT x HB

No.	UNF x HB
MPT x HB	
SPP12-18P	1/8" x 1/8"
SPP12-1814P	1/8" x 1/4"
SPP12-1838P	1/8" x 3/8"
SPP12-14316P	1/4" x 3/16"
SPP12-14P	1/4" x 1/4"
SPP12-14516P	1/4" x 5/16"
SPP12-1438P	1/4" x 3/8"
SPP12-1412P	1/4" x 1/2"
SPP12-3814P	3/8" x 1/4"
SPP12-38516P	3/8" x 5/16"
SPP12-38P	3/8" x 3/8"
SPP12-3812P	3/8" x 1/2"
SPP12-3858P	3/8" x 5/8"

No.	MPT x HB
SPP12-1214P	1/2" x 1/4"
SPP12-1238P	1/2" x 3/8"
SPP12-12P	1/2" x 1/2"
SPP12-1258P	1/2" x 5/8"
SPP12-1234P	1/2" x 3/4"
SPP12-12100P	1/2" x 1"
SPP12-3414P	3/4" x 1/4"
SPP12-3438P	3/4" x 3/8"
SPP12-3412P	3/4" x 1/2"
SPP12-3458P	3/4" x 5/8"
SPP12-34P	3/4" x 3/4"
SPP12-34100P	3/4" x 1"
SPP12-10012P	1" x 1/2"
SPP12-10034P	1" x 3/4"
SPP12-100P	1" x 1"
SPP12-11434P	1 1/4" x 3/4"
SPP12-114100P	1 1/4" x 1"
SPP12-114P	1 1/4" x 1 1/4"
SPP12-114112P	1 1/4" x 1 1/2"
SPP12-11234P	1 1/2" x 3/4"
SPP12-112100P	1 1/2" x 1"
SPP12-112114P	1 1/2" x 1 1/4"
SPP12-112P	1 1/2" x 1 1/2"
SPP12-200P	2" x 2"



POLYPROPYLENE ADAPTER

FPT x HB

No.	FPT x HB
SPP11-1814P	1/8" x 1/4"
SPP11-1418P	1/4" x 1/8"
SPP11-14P	1/4" x 1/4"
SPP11-1438P	1/4" x 3/8"
SPP11-3814P	3/8" x 1/4"
SPP11-38P	3/8" x 3/8"
SPP11-3812P	3/8" x 1/2"
SPP11-1214P	1/2" x 1/4"
SPP11-1238P	1/2" x 3/8"
SPP11-12P	1/2" x 1/2"
SPP11-1258P	1/2" x 5/8"
SPP11-1234P	1/2" x 3/4"
SPP11-3438P	3/4" x 3/8"
SPP11-3412P	3/4" x 1/2"
SPP11-3458P	3/4" x 5/8"
SPP11-34P	3/4" x 3/4"



**POLYPROPYLENE
ELBOW**
FPT x HB

No.	FPT x HB
SPP13-18316P	1/8" x 3/16"
SPP13-14316P	1/4" x 3/16"
SPP13-14P	1/4" x 1/4"
SPP13-1438P	1/4" x 3/8"
SPP13-3814P	3/8" x 1/4"
SPP13-38P	3/8" x 3/8"
SPP13-3812P	3/8" x 1/2"
SPP13-12P	1/2" x 1/2"
SPP13-1258P	1/2" x 5/8"
SPP13-1234P	1/2" x 3/4"
SPP13-3412P	3/4" x 1/2"
SPP13-3458P	3/4" x 5/8"
SPP13-34P	3/4" x 3/4"



**POLYPROPYLENE
HOSE BARB
JOINER**

No.	HB x HB
SPP14-116P	1/16" x 1/16"
SPP14-332P	3/32" x 3/32"
SPP14-18P	1/8" x 1/8"
SPP14-18316P	1/8" x 3/16"
SPP14-1814P	1/8" x 1/4"
SPP14-1838P	1/8" x 3/8"
SPP14-53214P	5/32" x 1/4"
SPP14-316P	3/16" x 3/16"
SPP14-31614P	3/16" x 1/4"
SPP14-14P	1/4" x 1/4"
SPP14-1438P	1/4" x 3/8"
SPP14-1412P	1/4" x 1/2"
SPP14-516P	5/16" x 5/16"
SPP14-38P	3/8" x 3/8"
SPP14-3812P	3/8" x 1/2"
SPP14-3858P	3/8" x 5/8"
SPP14-12P	1/2" x 1/2"
SPP14-1258P	1/2" x 5/8"
SPP14-58P	5/8" x 5/8"
SPP14-34P	3/4" x 3/4"
SPP14-100P	1" x 1"
SPP14-114P	1 1/4" x 1 1/4"
SPP14-112P	1 1/2" x 1 1/2"
SPP14-200P	2" x 2"
SPP14-300P	3" x 3"



**POLYPROPYLENE
TEE**
MPT

No.	MPT
SPP21-12P	1/2" x 1/2" x 1/2"



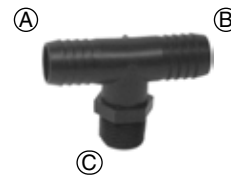
**POLYPROPYLENE
HOSE BARB
TEE**

No.	AB	C
SPP16-332P	3/32"	3/32"
SPP16-18P	1/8"	1/8"
SPP16-532P	5/32"	5/32"
SPP16-316P	3/16"	3/16"
SPP16-14P	1/4"	1/4"
SPP16-516P	5/16"	5/16"
SPP16-38316P	3/8"	3/16"
SPP16-3814P	3/8"	1/4"
SPP16-38P	3/8"	3/8"
SPP16-3812P	3/8"	1/2"
SPP16-12516P	1/2"	5/16"
SPP16-1238P	1/2"	3/8"
SPP16-12P	1/2"	1/2"
SPP16-1234P	1/2"	3/4"
SPP16-5838P	5/8"	3/8"
SPP16-58P	5/8"	5/8"
SPP16-34P	3/4"	3/4"
SPP16-100P	1"	1"
SPP16-114P	1 1/4"	1 1/4"
SPP16-112P	1 1/2"	1 1/2"
SPP16-200P	2"	2"



**POLYPROPYLENE
HOSE BARB
ELBOW**

No.	HB
SPP15-332P	3/32" x 3/32"
SPP15-18P	1/8" x 1/8"
SPP15-532316P	5/32" x 3/16"
SPP15-316P	3/16" x 3/16"
SPP15-14P	1/4" x 1/4"
SPP15-1438P	1/4" x 3/8"
SPP15-1412P	1/4" x 1/2"
SPP15-38P	3/8" x 3/8"
SPP15-3812P	3/8" x 1/2"
SPP15-12P	1/2" x 1/2"
SPP15-58P	5/8" x 5/8"
SPP15-5834P	5/8" x 3/4"
SPP15-34P	3/4" x 3/4"
SPP3EL100HB	1" x 1"
SPP15-114P	1 1/4" x 1 1/4"
SPP15-112P	1 1/2" x 1 1/2"
SPP15-200P	2" x 2"



**POLYPROPYLENE
TEE**
HB x HB x MPT

No.	AB	C
SPP17-18P	1/8"	1/8"
SPP17-31618P	3/16"	1/8"
SPP17-31614P	3/16"	1/4"
SPP17-14P	1/4"	1/4"
-	1/4"	3/8"
SPP17-3814P	3/8"	1/4"
SPP17-38P	3/8"	3/8"
SPP17-3812P	3/8"	1/2"
SPP17-3834P	3/8"	3/4"
SPP17-1214P	1/2"	1/4"
SPP17-1238P	1/2"	3/8"
SPP17-12P	1/2"	1/2"
SPP17-5812P	5/8"	1/2"
SPP17-5834P	5/8"	3/4"
SPP17-3412P	3/4"	1/2"
SPP17-34P	3/4"	3/4"



**POLYPROPYLENE
"Y" FITTING**

No.	HB x HB x HB
SPP20-316P	3/16"
SPP20-14P	1/4"
SPP20-38P	3/8"
SPP20-12P	1/2"



**POLYPROPYLENE
FLAT SEAT
SWIVEL
CONNECTOR**
FPT/FGHT x HB

No.	HB	Req
SPP34-14P	1/4"	3/4"
SPP34-12P	1/2"	3/4"
SPP34-58P	5/8"	3/4"
SPP34-34P	3/4"	3/4"
SPP34-100P	1"	1"
Swivel Nuts		
SPP36-34P	3/4" FPT	Hex
SPP38-34P	3/4" FGHT	Knurled
SPP36-100P	1" FPT	Hex

POLYPROPYLENE SWIVELS



- Teflon thrust bearing
- Viton o-rings
- Glass reinforced
- 75 PSI Maximum

No.	Size
SPPSW100	1" x 1"
SPPSW150	1 1/2" x 1 1/2"
SPPSW200	2" x 2"

POLY / NYLON / METAL FITTINGS



**POLYPROPYLENE
COUPLER**
FPT

No.	FPT x FPT
SPP27-12P	1/2" x 1/2"
SPP27-34P	3/4" x 3/4"
SPP27-100P	1" x 1"
SPP27-114P	1 1/4" x 1 1/4"
SPP27-112P	1 1/2" x 1 1/2"
SPP27-200P	2" x 2"
SPP27-300200P	3" x 2"
SPP27-300P	3" x 3"



**POLYPROPYLENE
REDUCING
BUSHING**
MPT x UNF
MPT x FPT

No.	MPT x UNF
MPT x FPT	
SPP26-1418P	1/4" x 1/8"
SPP26-3818P	3/8" x 1/8"
SPP26-3814P	3/8" x 1/4"
SPP26-1218P	1/2" x 1/8"
SPP26-1214P	1/2" x 1/4"
SPP26-1238P	1/2" x 3/8"
SPP26-3418P	3/4" x 1/8"
SPP26-3414P	3/4" x 1/4"
SPP26-3438P	3/4" x 3/8"
SPP26-3412P	3/4" x 1/2"
SPP26-10012P	1" x 1/2"
SPP26-10034P	1" x 3/4"
SPP26-11412P	1 1/4" x 1/2"
SPP26-11434P	1 1/4" x 3/4"
SPP26-114100P	1 1/4" x 1"
SPP26-11234P	1 1/2" x 3/4"
SPP26-112100P	1 1/2" x 1"
SPP26-112114P	1 1/2" x 1 1/4"
SPP26-20034P	2" x 3/4"
SPP26-200100P	2" x 1"
SPP26-200114P	2" x 1 1/4"
SPP26-200112P	2" x 1 1/2"
SPP26-300200P	3" x 2"



**POLYPROPYLENE
PLUG**
MPT

No.	Size
SPP31-18P	1/8"
SPP31-14P	1/4"
SPP31-38P	3/8"
SPP31-12P	1/2"
SPP31-34P	3/4"
SPP31-100P	1"
SPP31-114P	1 1/4"
SPP31-112P	1 1/2"
SPP31-200P	2"
SPP31-300P	3"



**POLYPROPYLENE
TEE**
FPT

No.	FPT
SPP29-14P	1/4" x 1/4" x 1/4"
SPP29-38P	3/8" x 3/8" x 3/8"
SPP29-12P	1/2" x 1/2" x 1/2"
SPP29-34P	3/4" x 3/4" x 3/4"
SPP29-100P	1" x 1" x 1"
SPP29-114P	1 1/4" x 1 1/4" x 1 1/4"
SPP29-112P	1 1/2" x 1 1/2" x 1 1/2"
SPP29-200P	2" x 2" x 2"
SPP29-300P	3" x 3" x 3"



**POLYPROPYLENE
TEE WITH 1/4"
GAUGE PORT**

No.	Size	Port
SPP30-12P	1/2"	1/4"
SPP30-34P	3/4"	1/4"
SPP30-100P	1"	1/4"
-	1 1/4"	1/4"
-	1 1/2"	1/4"



**POLYPROPYLENE
NIPPLES**

No.	UNF x UNF
MPT x MPT	
SPP33-1814P	1/8" x 1/4"
SPP33-1838P	1/8" x 3/8"
SPP33-14P	1/4" x 1/4"
SPP33-1438P	1/4" x 3/8"
SPP33-1412P	1/4" x 1/2"
SPP33-38P	3/8" x 3/8"
SPP33-3812P	3/8" x 1/2"
SPP33-3834P	3/8" x 3/4"
SPP33-12P	1/2" x 1/2"
SPP33-1234P	1/2" x 3/4"
SPP33-34P	3/4" x 3/4"
SPP33-34100P	3/4" x 1"
SPP33-100P	1" x 1"
SPP33-114P	1 1/4" x 1 1/4"
SPP33-112P	1 1/2" x 1 1/2"
SPP33-200P	2" x 2"
SPP33-300200P	3" x 2"
SPP33-300P	3" x 3"



**POLYPROPYLENE
TEE**
HB x HB x FPT

No.	HB x HB x FPT
SPP18-34P	3/4" x 3/4" x 3/4"
SPP18-34114P	1 1/4" x 1 1/4" x 3/4"



**POLYPROPYLENE
STREET ELBOW**
FPT x MPT

No.	FPT	MPT
SPP24-14P	1/4"	1/4"
SPP24-12P	1/2"	1/2"
SPP24-34P	3/4"	3/4"
SPP24-100P	1"	1"
SPP24-114P	1 1/4"	1 1/4"
SPP24-112P	1 1/2"	1 1/2"
SPP24-200P	2"	2"
SPP24-300P	3"	3"



**POLYPROPYLENE
45° STREET ELBOW**
FPT x MPT

No.	FPT x MPT
SPP25-14P	1/4" x 1/4"
SPP25-34P	3/4" x 3/4"



**POLYPROPYLENE
90° ELBOW**
FPT

No.	FPT
SPP22-14P	1/4" x 1/4"
SPP22-38P	3/8" x 3/8"
SPP22-12P	1/2" x 1/2"
SPP22-34P	3/4" x 3/4"
SPP22-100P	1" x 1"
SPP22-114P	1 1/4" x 1 1/4"
SPP22-112P	1 1/2" x 1 1/2"
SPP22-200P	2" x 2"



**POLYPROPYLENE
CAPS**

No.	FPT
SPP32-14P	1/4"
SPP32-38P	3/8"
SPP32-12P	1/2"
SPP32-300P	3"

Sprayer Parts Warehouse nylon fittings are made from engineering grade 6/6 virgin resin. Nylon fittings are generally acceptable for use at working pressures up to 150 psi at ambient temperatures. At very low pressures, temperatures can approach 175°F with no degradation in the performance of the nylon fitting.

Nylon has good resistance to a fairly broad range of chemicals including most agricultural chemicals, ammonium compounds, detergents, diesel fuel, ethanol, gasoline, hexane, magnesium sulphate, most sodium compounds, trichloroethylene and zinc sulphate.

Nylon fittings should not be used with acid-based fertilizers, bromine, chlorine, fluorine, hydrochloric acid, iodine, nitric acid, phosphoric acid, sulfuric acid and xylene.

Recommended

- Use for high structural or physical strength
- Use for broader temperature ranges below zero to 200°F

Not recommended

- With acid-based fertilizers
- With xylene-based chemicals
- With Teflon tape
- In situations where long exposure to ultraviolet radiation will occur

PHYSICAL PROPERTIES OF NYLON 6/6

Specific Gravity	1.12
Heat Distortion	375°F
Rockwell hardness (R)	120
Izod Impact	1.9ft.-lbs. / in.



**NYLON
ADAPTER**
UNF x HB
MPT x HB

No.	UNF x HB
SPP10-10-32332	10-32 x 3/32"
SPP10-10-3218	10-32 x 1/8"
SPP10-14-2818	1/4" x 28 x 1/8"
SPP10-14-2814	1/4" x 28 x 1/4"
MPT x HB	
SPP10-18116	1/8" x 1/16"
SPP10-18332	1/8" x 3/32"
SPP10-18	1/8" x 1/8"
SPP10-18316	1/8" x 3/16"
SPP10-1814	1/8" x 1/4"
SPP10-18516	1/8" x 5/16"
SPP10-1838	1/8" x 3/8"

No.	MPT x HB
SPP10-1418	1/4" x 1/8"
SPP10-14316	1/4" x 3/16"
SPP10-14	1/4" x 1/4"
SPP10-14516	1/4" x 5/16"
SPP10-1438	1/4" x 3/8"
SPP10-1412	1/4" x 1/2"
SPP10-3814	3/8" x 1/4"
SPP10-38516	3/8" x 5/16"
SPP10-38	3/8" x 3/8"
SPP10-3812	3/8" x 1/2"
SPP10-3858	3/8" x 5/8"
SPP10-3834	3/8" x 3/4"
SPP10-12316	1/2" x 3/16"
SPP10-1214	1/2" x 1/4"
SPP10-1238	1/2" x 3/8"
SPP10-12	1/2" x 1/2"
SPP10-1258	1/2" x 5/8"
SPP10-1234	1/2" x 3/4"
SPP10-12100	1/2" x 1"

No.	MPT x HB
SPP10-3414	3/4" x 1/4"
SPP10-3438	3/4" x 3/8"
SPP10-3412	3/4" x 1/2"
SPP10-3458	3/4" x 5/8"
SPP10-34	3/4" x 3/4"
SPP10-34100	3/4" x 1"
SPP10-34114	3/4" x 1 1/4"
SPP10-10034	1" x 3/4"
SPP10-100	1" x 1"
SPP10-100114	1" x 1 1/4"
SPP10-11434	1 1/4" x 3/4"
SPP10-114100	1 1/4" x 1"
SPP10-114	1 1/4" x 1 1/4"
SPP10-114112	1 1/4" x 1 1/2"
SPP10-11234	1 1/2" x 3/4"
SPP10-112100	1 1/2" x 1"
SPP10-112114	1 1/2" x 1 1/4"
SPP10-112	1 1/2" x 1 1/2"
SPP10-112200	1 1/2" x 2"
SPP10-200112	2" x 1 1/2"
SPP10-200	2" x 2"



**NYLON
ELBOW**
UNF x HB
MPT x HB

No.	UNF x HB
MPT x HB	
SPP12-18	1/8" x 1/8"
SPP12-18316	1/8" x 3/16"
SPP12-1814	1/8" x 1/4"
SPP12-18516	1/8" x 5/16"
SPP12-1838	1/8" x 3/8"
SPP12-14316	1/4" x 3/16"
SPP12-14	1/4" x 1/4"
SPP12-14516	1/4" x 5/16"
SPP12-1438	1/4" x 3/8"
SPP12-1412	1/4" x 1/2"
SPP12-1458	1/4" x 5/8"
SPP12-3814	3/8" x 1/4"
SPP12-38	3/8" x 3/8"
SPP12-3812	3/8" x 1/2"
SPP12-3858	3/8" x 5/8"

No.	MPT x HB
SPP12-1214	1/2" x 1/4"
SPP12-1238	1/2" x 3/8"
SPP12-12	1/2" x 1/2"
SPP12-1258	1/2" x 5/8"
SPP12-1234	1/2" x 3/4"
-	1/2" x 13/16"
SPP12-12100	1/2" x 1"
SPP12-3414	3/4" x 1/4"
SPP12-3438	3/4" x 3/8"
SPP12-3412	3/4" x 1/2"
SPP12-3458	3/4" x 5/8"
SPP12-34	3/4" x 3/4"
SPP12-34100	3/4" x 1"
SPP12-10012	1" x 1/2"
SPP12-10034	1" x 3/4"
SPP12-100	1" x 1"
SPP12-11434	1 1/4" x 3/4"
SPP12-114100	1 1/4" x 1"
SPP12-114	1 1/4" x 1 1/4"
SPP12-114112	1 1/4" x 1 1/2"
SPP12-11234	1 1/2" x 3/4"
SPP12-112100	1 1/2" x 1"
SPP12-112114	1 1/2" x 1 1/4"
SPP12-112	1 1/2" x 1 1/2"
SPP12-200	2" x 2"



**NYLON
ADAPTER**
FPT x HB

No.	Size
SPP11-18	1/8" x 1/8"
SPP11-1814	1/8" x 1/4"
SPP11-1838	1/8" x 3/8"
SPP11-1418	1/4" x 1/8"
SPP11-14	1/4" x 1/4"
SPP11-1438	1/4" x 3/8"
SPP11-3814	3/8" x 1/4"
SPP11-38	3/8" x 3/8"
SPP11-3812	3/8" x 1/2"
SPP11-1214	1/2" x 1/4"
SPP11-1238	1/2" x 3/8"
SPP11-12	1/2" x 1/2"
SPP11-1258	1/2" x 5/8"
SPP11-1234	1/2" x 3/4"
SPP11-3438	3/4" x 3/8"
SPP11-3412	3/4" x 1/2"
SPP11-3458	3/4" x 5/8"
SPP11-34	3/4" x 3/4"



NYLON ELBOW
FPT x HB

No.	Size
SPP13-18316P	1/8" x 3/16"
SPP13-1814	1/8" x 1/4"
SPP13-1838	1/8" x 3/8"
SPP13-14316P	1/4" x 3/16"
SPP13-1438P	1/4" x 1/4"
SPP13-1438	1/4" x 3/8"
SPP13-3814	3/8" x 1/4"
SPP13-38	3/8" x 3/8"
SPP13-3812	3/8" x 1/2"
SPP13-1258	1/2" x 1/2"
SPP13-1258P	1/2" x 5/8"
SPP13-1234	1/2" x 3/4"
SPP13-3412P	3/4" x 1/2"
SPP13-3458P	3/4" x 5/8"
SPP13-3458	3/4" x 3/4"



NYLON HOSE BARB JOINER

No.	Size
SPP14-116	1/16" x 1/16"
SPP14-332	3/32" x 3/32"
SPP14-18	1/8" x 1/8"
SPP14-18316	1/8" x 3/16"
SPP14-1814	1/8" x 1/4"
SPP14-1838	1/8" x 3/8"
SPP14-53214	5/32" x 1/4"
SPP14-316	3/16" x 3/16"
SPP14-31614	3/16" x 1/4"
SPP14-14	1/4" x 1/4"
SPP14-1438	1/4" x 3/8"
SPP14-1412	1/4" x 1/2"
SPP14-516	5/16" x 5/16"
SPP14-51638	5/16" x 3/8"
SPP14-51612	5/16" x 1/2"
SPP14-38	3/8" x 3/8"
SPP14-3812	3/8" x 1/2"
SPP14-3858	3/8" x 5/8"
SPP14-12	1/2" x 1/2"
SPP14-1258	1/2" x 5/8"
SPP14-58	5/8" x 5/8"
SPP14-34	3/4" x 3/4"
SPP14-100	1" x 1"
SPP14-114	1 1/4" x 1 1/4"
SPP14-112	1 1/2" x 1 1/2"
SPP14-200	2" x 2"



NYLON "Y" FITTING
HB x HB x HB

No.	Size
SPP20-14	1/4" x 1/4" x 1/4"
SPP20-38	3/8" x 3/8" x 3/8"
SPP20-12	1/2" x 1/2" x 1/2"



NYLON HOSE BARB TEE

No.	AB	C
SPP16-116	1/16"	1/16"
SPP16-18	1/8"	1/8"
SPP16-53218	5/32"	1/8"
SPP16-532	5/32"	5/32"
SPP16-316	3/16"	3/16"
SPP16-14	1/4"	1/4"
SPP16-1438	1/4"	3/8"
SPP16-516	5/16"	5/16"
-	3/8"	3/16"
SPP16-3814	3/8"	1/4"
SPP16-38	3/8"	3/8"
SPP16-3812	3/8"	1/2"
SPP16-1214	1/2"	1/4"
SPP16-12516	1/2"	5/16"
SPP16-1238	1/2"	3/8"
SPP16-12	1/2"	1/2"
SPP16-1234	1/2"	3/4"
SPP16-5814	5/8"	1/4"
SPP16-5838	5/8"	3/8"
SPP16-5812	5/8"	1/2"
SPP16-58	5/8"	5/8"
SPP16-3438	3/4"	3/8"
SPP16-3412	3/4"	1/2"
SPP16-34	3/4"	3/4"
SPP16-100	1"	1"
SPP16-114	1 1/4"	1 1/4"
SPP16-112	1 1/2"	1 1/2"
SPP16-200	2"	2"



NYLON SWIVEL ADAPTER BALL SEAT
FPT x HB

No.	HB Insert	Nut Req.
SPP65-14	1/4"	1/4"
SPP65-1412	1/4"	1/2"
SPP65-38	3/8"	3/8"
SPP65-12	1/2"	1/2"
Hex Nut		
SPP66-14	1/4"	
SPP66-38	3/8"	
SPP66-12	1/2"	



NYLON TEE
HB x HB x FPT

No.	HB x FPT
SPP18-34	3/4" x 3/4"
SPP18-34114	1 1/4" x 3/4"



NYLON TEE
HB x HB x MPT

No.	HB - AB	MPT - C
SPP17-31614	3/16"	1/4"
SPP17-1418	1/4"	1/8"
SPP17-14	1/4"	1/4"
SPP17-1438	1/4"	3/8"
SPP17-3814	3/8"	1/4"
SPP17-38	3/8"	3/8"
SPP17-3812	3/8"	1/2"
SPP17-3834	3/8"	3/4"
SPP17-1214	1/2"	1/4"
SPP17-1238	1/2"	3/8"
SPP17-12	1/2"	1/2"
SPP17-1234	1/2"	3/4"
SPP17-5812	5/8"	1/2"
SPP17-5834	5/8"	3/4"
SPP17-3412	3/4"	1/2"
SPP17-34	3/4"	3/4"
SPP17-10012	1"	1/2"
SPP17-10034	1"	3/4"



NYLON HOSE BARB ELBOW

No.	Size
SPP15-332	3/32" x 3/32"
SPP15-18	1/8" x 1/8"
SPP15-316	3/16" x 3/16"
SPP15-14	1/4" x 1/4"
SPP15-1438	1/4" x 3/8"
SPP15-1412	1/4" x 1/2"
SPP15-38	3/8" x 3/8"
SPP15-3812	3/8" x 1/2"
SPP15-12	1/2" x 1/2"
SPP15-58	5/8" x 5/8"
SPP15-5834	5/8" x 3/4"
SPP15-34	3/4" x 3/4"
SPP15-100	1" x 1"
SPP15-114	1 1/4" x 1 1/4"
SPP15-112	1 1/2" x 1 1/2"
SPP15-200	2" x 2"



MALE TEE
MPT

No.	Size
SPP21-12	1/2" x 1/2" x 1/2"



**NYLON
FEMALE
COUPLER**

No.	Size
SPP27-12	1/2" x 1/2"
SPP27-34	3/4" x 3/4"
SPP27-100	1" x 1"
SPP27-114	1 1/4" x 1 1/4"
SPP27-112	1 1/2" x 1 1/2"
SPP27-200	2" x 2"



**NYLON
REDUCING
BUSHING**
MPT x UNF
MPT x FPT

No.	MPT x UNF
MPT x FPT	
SPP26-1418	1/4" x 1/8"
SPP26-3818	3/8" x 1/8"
SPP26-3814	3/8" x 1/4"
SPP26-1218	1/2" x 1/8"
SPP26-1214	1/2" x 1/4"
SPP26-1238	1/2" x 3/8"
SPP26-3418	3/4" x 1/8"
SPP26-3414	3/4" x 1/4"
SPP26-3438	3/4" x 3/8"
SPP26-3412	3/4" x 1/2"
SPP26-10012	1" x 1/2"
SPP26-10034	1" x 3/4"
SPP26-11412	1 1/4" x 1/2"
SPP26-11434	1 1/4" x 3/4"
SPP26-114100	1 1/4" x 1"
SPP26-11234	1 1/2" x 3/4"
SPP26-112100	1 1/2" x 1"
SPP26-112114	1 1/2" x 1 1/4"
SPP26-20034	2" x 3/4"
SPP26-200100	2" x 1"
SPP26-200114	2" x 1 1/4"
SPP26-200112	2" x 1 1/2"
SPP26-300200	3" x 2"



**NYLON
PLUG
MPT**

No.	MPT
SPP31-18	1/8"
SPP31-14	1/4"
SPP31-38	3/8"
SPP31-12	1/2"
SPP31-34	3/4"
SPP31-100	1"
SPP31-114	1 1/4"
SPP31-112	1 1/2"
SPP31-200	2"



**NYLON
TEE
FPT**

No.	FPT
SPP29-18	1/8"
SPP29-14	1/4"
SPP29-12	1/2"
SPP29-34	3/4"
SPP29-100	1"
SPP29-114	1 1/4"
SPP29-112	1 1/2"
SPP29-200	2"



**NYLON TEE
WITH 1/4"
GAUGE
PORT**

No.	FPT	Port
SPP30-12	1/2"	1/4"
SPP30-34	3/4"	1/4"
SPP30-100	1"	1/4"
SPP30-114	1 1/4"	1/4"



**NYLON
NIPPLES**
UNF x UNF
MPT x MPT

No.	UNF x UNF
MPT x MPT	
SPP33-18	1/8" x 1/8"
SPP33-1814	1/8" x 1/4"
SPP33-1838	1/8" x 3/8"
SPP33-1812	1/8" x 1/2"
SPP33-14	1/4" x 1/4"
SPP33-1438	1/4" x 3/8"
SPP33-1412	1/4" x 1/2"
SPP33-38	3/8" x 3/8"
SPP33-3812	3/8" x 1/2"
SPP33-3834	3/8" x 3/4"
SPP33-12	1/2" x 1/2"
SPP33-1234	1/2" x 3/4"
SPP33-34	3/4" x 3/4"
SPP33-100	1" x 1"
SPP33-114	1 1/4" x 1 1/4"
SPP33-114100	1 1/4" x 1"
SPP33-112	1 1/2" x 1 1/2"
SPP33-200	2" x 2"



**NYLON STREET
ELBOW
FPT x MPT**

No.	FPT x MPT
SPP24-18	1/8" x 1/8"
SPP24-14	1/4" x 1/4"
SPP24-38	3/8" x 3/8"
SPP24-12	1/2" x 1/2"
SPP24-34	3/4" x 3/4"
SPP24-100	1" x 1"
SPP24-114	1 1/4" x 1 1/4"
SPP24-112	1 1/2" x 1 1/2"
SPP24-200	2" x 2"



**NYLON
45° STREET
ELBOW
FPT x MPT**

No.	FPT x MPT
SPP25-14	1/4" x 1/4"
-	3/4" x 1/2"
SPP25-34	3/4" x 3/4"



**NYLON
90° ELBOW
FPT**

No.	FPT
SPP22-14	1/4" x 1/4"
SPP22-12	1/2" x 1/2"
SPP22-34	3/4" x 3/4"
SPP22-100	1" x 1"
SPP22-114	1 1/4" x 1 1/4"
SPP22-112	1 1/2" x 1 1/2"
SPP22-200	2" x 2"











**NYLON
CAPS**

No.	FPT
SPP32-14	1/4"
SPP32-38	3/8"
SPP32-12	1/2"
SPP32-34	3/4"









**WARNING: COUPLINGS SHOULD NEVER BE DISCONNECTED UNDER PRESSURE OR WITH LIQUID IN THE LINE
FOR REPAIR PARTS SEE PAGE 143**

POLYPROPYLENE CAM LOCK COUPLERS & ADAPTERS

Size									
		FPT ADAPTER	MPT COUPLER	HOSE SHANK COUPLER	FPT COUPLER	HOSE SHANK ADAPTER	MPT ADAPTER	CAP	PLUG
HB/NPT	Coupler	No.	No.	No.	No.	No.	No.	No.	No.
1/2"	1/2"	SPP7001P	SPP7015P	SPP7028P	SPP7042P	SPP7056P	SPP7070P	SPP7084P	SPP7098P
1/2"	3/4"	SPP7001P1	SPP7015P1	SPP7028P1	SPP7042P1	SPP7056P1	SPP7070P1	SPP7085P	SPP7099P
3/4"	3/4"	SPP7002P	SPP7016P	SPP7029P	SPP7043P	SPP7057P	SPP7071P	SPP7085P	SPP7099P
1"	1"	SPP7003P	SPP7017P	SPP7030P	SPP7044P	SPP7058P	SPP7072P	SPP7086P	SPP7100P
1 1/4"	1 1/4"	SPP7004P	SPP7018P	SPP7031P	SPP7045P	SPP7059P	SPP7073P	SPP7087P	SPP7101P
1 1/4"	1 1/2"	SPP7004P1	SPP7018P1	SPP7031P1	SPP7045P1	SPP7059P1	SPP7073P1	SPP7088P	SPP7101P
1 1/2"	1 1/2"	SPP7005P	SPP7019P	SPP7032P	SPP7046P	SPP7060P	SPP7074P	SPP7088P	SPP7102P
2"	2"	SPP7006P	SPP7020P	SPP7033P	SPP7047P	SPP7061P	SPP7075P	SPP7089P	SPP7103P
3"	3"	SPP7008P	SPP7022P	SPP7035P	SPP7049P	SPP7063P	SPP7077P	SPP7091P	SPP7105P
4"	4"	SPP7009P	SPP7023P	SPP7036P	SPP7050P	SPP7064P	SPP7078P	SPP7092P	SPP7550S

BANJO POLYPROPYLENE QUICK COUPLERS AND ADAPTERS

- Stainless steel rings, cam levers and pins resist corrosion
- Comes with EPDM gaskets standard (Buna-N, Viton, and Teflon also available)
- Operating Conditions -- 3/8" to 2" : [100 PSI @ 0°F] [125 PSI @ 70°F] [70 PSI @ 150°F] -- 2 1/2" to 4" : 75 PSI Max
- Interchangeable with most types of cam lever couplers
- 4532-1 & all 4" come with 3 arms
- (Banjo FDA Couplers come w/ FDA EPDM gaskets)

Size									
		FPT ADAPTER	MPT COUPLER	HOSE SHANK COUPLER	FPT COUPLER	HOSE SHANK ADAPTER	MPT ADAPTER	CAP	PLUG
HB/NPT	Coupler	No.	No.	No.	No.	No.	No.	No.	No.
1/4"	3/4"	SPP75A1/4							
3/8"	3/4"	SPP75A3/8							
1/2"	3/4"	SPP75A1/2	SPP75B1/2	SPP050C	SPP050D	SPP050E	SPP050F	SPP075CAP	SPP75PL
3/4"	3/4"	SPP75A3/4	SPP75B3/4	SPP075C	SPP075D	SPP075E	SPP075F		
1"	1"	SPP100A	SPP100B	SPP100C	SPP100D	SPP100E	SPP100F	SPP100125CAP	SPP100125PL
1 1/4"	1"	SPP125A	SPP125B	SPP125C	SPP125D	SPP125E	SPP125F		
1 1/4"	1 1/2"	SPP150125A	SPP150125B	SPP150125C	SPP150125D	SPP150125E	SPP150125F	SPP150CAP	SPP150PL
1 1/2"	1 1/2"	SPP150A	SPP150B	SPP150C	SPP150D	SPP150E	SPP150F		
1 1/2"	2"			SPP200150C					
2"	2"	SPP200A	SPP200B	SPP200C	SPP200D	SPP200E	SPP200F	SPP200CAP	SPP200PL
2 1/2"								SPP250CAP	SPP250PL
3"	3"	SPP300A	SPP300B	SPP300C	SPP300D	SPP300E	SPP300F	SPP300CAP	SPP300PL
3"	(3 arms)		SPP303B	SPP303C					
4"	4"	SPP400A	SPP400B	SPP400C	SPP400D	SPP400E	SPP400F	SPP400CAP	SPP400PL

BANJO 90° & 45° POLYPROPYLENE COUPLERS

	FEMALE ADAPTER		HOSE BARB COUPLER		FEMALE COUPLER		MALE ADAPTER
No.	Size	No.	Size	No.	Size	No.	Size
SPP150A90	1½"	SPP150A90	1½"	SPP150D90	1½"	SPP150F90	1½"
SPP200A90	2"	SPP200A90	2"	SPP200D90	2"	SPP200F90	2"

	2" 45° MALE ADAPTER Part No. SPP200F45		2" 90° FEMALE COUPLER x MPT Part No. SPP200B90		3" FEMALE w/ 3 ARMS x 2" MALE ADAPTER Part No. SPP303B200A		MALE SPOOL ADAPTERS 125 PSI Max
No.	Size	No.	Size	No.	Size	No.	Size
SPP200FF	2"	SPP300F200F	3" x 2"	SPP300FF	3"		

ALUMINUM CAM LOCK COUPLERS AND ADAPTERS

All sizes interlock with Banjo poly couplers except for 1/2" and 1¼"

- Comes with stainless steel cam levers
- Good for most ag chemicals and fertilizers

	FPT ADAPTER	MPT COUPLER	HOSE SHANK COUPLER	FPT COUPLER	HOSE SHANK ADAPTER	MPT ADAPTER	CAP	PLUG
Size	No.	No.	No.	No.	No.	No.	No.	No.
HB/NPT Coupler	No.	No.	No.	No.	No.	No.	No.	No.
1/2" 1/2"	SPP7001A	SPP7015A	SPP7028A	SPP7042A	SPP7056A	SPP7070A	SPP7084A	SPP7098A
3/4" 3/4"	SPP7002A	SPP7016A	SPP7029A	SPP7043A	SPP7057A	SPP7071A	SPP7085A	SPP7099A
1" 1"	SPP7003A	SPP7017A	SPP7030A	SPP7044A	SPP7058A	SPP7072A	SPP7086A	SPP7100A
1¼" 1¼"	SPP7004A	SPP7018A	SPP7031A	SPP7045A	SPP7059A	SPP7073A	SPP7087A	SPP7101A
1½" 1½"	SPP7005A	SPP7019A	SPP7032A	SPP7046A	SPP7060A	SPP7074A	SPP7088A	SPP7102A
2" 2"	SPP7006A	SPP7020A	SPP7033A	SPP7047A	SPP7061A	SPP7075A	SPP7089A	SPP7103A
2½" 2½"	SPP7007A	SPP7021AS	SPP7034A	SPP7048A	SPP7062A	SPP7076A	SPP7090A	SPP7104A
3" 3"	SPP7008A	SPP7022A	SPP7035A	SPP7049A	SPP7063A	SPP7077A	SPP7091A	SPP7105A
4" 4"	SPP7009A	SPP7023A	SPP7036A	SPP7050A	SPP7064A	SPP7078A	SPP7092A	SPP7106A
5" 5"	SPP7010A	SPP7024A	SPP7037A	-	SPP7065A	SPP7079A	SPP7093B	SPP7107A
6" 6"	-	SPP7025A	SPP7038A	SPP7052A	SPP7066A	SPP7080A	SPP7094A	SPP7108A
8" 8"	SPP7012A	SPP7026A	SPP7039A	SPP7053A	SPP7067A	SPP7081A	SPP7095A	SPP7109A

STAINLESS STEEL CAM LOCK COUPLERS AND ADAPTERS

- 316 Stainless Steel / 304 Stainless Steel arms/pins
- Will interlock with all sizes of Banjo polypropylene couplers except for 1/2" and 1¼"
- Completely interchangeable with Banjo SS couplers
- 150 PSI Max.
- Buna-N gaskets
- Hair pins supplied for locking in closed position
- Good for most fertilizer and agricultural chemicals

	FPT ADAPTER	MPT COUPLER	HOSE SHANK COUPLER	FPT COUPLER	HOSE SHANK ADAPTER	MPT ADAPTER	CAP	PLUG
Size	No.	No.	No.	No.	No.	No.	No.	No.
HB/NPT Coupler	No.	No.	No.	No.	No.	No.	No.	No.
1/2" 1/2"	SPP7001SS	SPP7015SS	SPP7028SS	SPP7028SS	SPP7056SS	SPP7070SS	SPP7084SS	SPP7098SS
3/4" 3/4"	SPP7002SS	SPP7016SS	SPP7029SS	SPP7029SS	SPP7057SS	SPP7071SS	SPP7085SS	SPP7099SS
1" 1"	SPP7003SS	SPP7017SS	SPP7030SS	SPP7030SS	SPP7058SS	SPP7072SS	SPP7086SS	SPP7100SS
1¼" 1¼"	SPP7004SS	SPP7018SS	SPP7031SS	SPP7031SS	SPP7059SS	SPP7073SS	SPP7087SS	SPP7101SS
1½" 1½"	SPP7005SS	SPP7019SS	SPP7032SS	SPP7032SS	SPP7060SS	SPP7074SS	SPP7088SS	SPP7102SS
2" 2"	SPP7006SS	SPP7020SS	SPP7033SS	SPP7033SS	SPP7061SS	SPP7075SS	SPP7089SS	SPP7103SS
2½" 2½"	SPP7007SS	SPP7021SS	SPP7034SS	SPP7034SS	SPP7062SS	SPP7076SS	SPP7090SS	SPP7104SS
3" 3"	SPP7008SS	SPP7022SS	SPP7035SS	SPP7035SS	SPP7063SS	SPP7077SS	SPP7091SS	SPP7105SS
4" 4"	SPP7009SS	SPP7023SS	SPP7036SS	SPP7036SS	SPP7064SS	SPP7078SS	SPP7092SS	SPP7106SS
6" 6"	SPP7011SS	SPP7025SS	SPP7038SS	SPP7038SS	SPP7066SS	SPP7080SS	SPP7094SS	SPP7108SS

POLY / NYLON / METAL FITTINGS



**EPDM GASKETS
CAM LEVER
COUPLERS**

Thickness: 1/4"

No.	Size Pipe / Hose	Gasket Size ID x OD
*SPP75G	1/2"	7/8" x 1 3/8"
*+SPP75G	3/4"	7/8" x 1 3/8"
*+SPP100G	1"	1 1/8" x 1 1/16"
*SPP100G	1 1/4"	1 1/8" x 1 1/16"
*+SPP150G	1 1/2"	1 5/8" x 2 3/16"
*+SPP200G	2"	2" x 2 5/8"
*+SPP300G	3"	3" x 3 3/4"
*+SPP400G	4"	4" x 5"

* For all Banjo couplings.

+ For Aluminum & Stainless Steel couplings
1/2", 1 1/4" & 2 1/2" available only in Buna-N or Viton.



**EPDM GASKETS
EXTRA THICK**

Thickness: 5/16"

• Use on loose fitting couplers

No.	Size Pipe / Hose	Gasket Size ID x OD
*SPP075GXT	1/2"	7/8" x 1 3/8"
*+SPP075GXT	3/4"	7/8" x 1 3/8"
*+SPP100GXT	1"	1 1/8" x 1 1/16"
*SPP100GXT	1 1/4"	1 1/8" x 1 1/16"
*+SPP150GXT	1 1/2"	1 5/8" x 2 3/16"
*+SPP200GXT	2"	2" x 2 5/8"
*+SPP300GXT	3"	3" x 3 3/4"
*+SPP400GXT	4"	4" x 5"

* For all Banjo couplings.

+ For Aluminum & Stainless Steel couplings



**FSA FOOD GRADE
APPROVED
EPDM GASKETS**

For Cam Level Couplers

No.	Size Pipe / Hose	Gasket Size ID x OD
SPP75GFD	3/4"	7/8" x 1 3/8"
SPP100GW	1"	1 1/8" x 1 1/16"
SPP200GFD	2"	2" x 2 5/8"
SPP300GFD	3"	3" x 3 3/4"



**BANJO CAMLOCK
SHIM**

No.	Size
SPP200SHM	2" shim
SPP300SHM	3" shim



**BUNA N GASKETS
CAM LEVER
COUPLERS**

Thickness: 1/4"

No.	Coupler Size	Gasket Size ID x OD
+SPP2947B	1/2"	5/8" x 1"
*SPP75GB	1/2"	7/8" x 1 3/8"
*+SPP75GB	3/4"	7/8" x 1 3/8"
*+SPP100GB	1"	1 1/8" x 1 1/16"
*SPP100GB	1 1/4"	1 1/8" x 1 1/16"
+SPPCG-125-NBR	1 1/4"	1 1/16" x 1 15/16"
*+SPP150GB	1 1/2"	1 5/8" x 2 3/16"
*+SPP200GB	2"	2" x 2 5/8"
+SPP2953B	2 1/2"	2 3/8" x 3 1/8"
*+SPP300GB	3"	3" x 3 3/4"
*+SPP2955B	4"	4" x 5"
+SPP2956B	5"	5" x 6"
+SPP2957B	6"	6" x 7"
+SPP2958B	8"	8" x 9"

* For all Banjo couplings.

+ For Aluminum & Stainless Steel couplers.



**BANJO POLY COUPLER
STAINLESS STEEL ARMS WITH
RINGS**

FITS MOST COUPLERS
Purchase pins separately below

No.	Mfg. No.	Coupler Size
SPP75K	75K	1/2" & 3/4"
SPP100K	100K	1" & 1 1/4"
SPP150(200)K	150K	1 1/2" & 2"
SPP300K	300K	3" & 4"



**BANJO CAM LEVER COUPLER
REPLACEMENT STAINLESS STEEL PINS**

No.	Coupler Size	Pin Size ID x OD
SPP75P	1/2"	1" x .155
SPP75P	3/4"	1" x .155
SPP100P	1"	1 1/8" x .250
SPP100P	1 1/4"	1 1/8" x .250
SPP200P	1 1/2"	1 1/8" x .250
SPP200P	2"	1 1/8" x .250
SPP300P	3"	1 1/8" x .310
SPP300P	4"	1 1/8" x .310



**STAINLESS STEEL
RINGS**

No.	Coupler Size
SPP100RING	1/2" x 1 1/4"
SPP150RING	1 1/2" x 4"



**VITON GASKETS
CAM LEVER
COUPLERS**

Thickness: 1/4"

No.	Coupler Size	Gasket Size ID x OD
+SPP2947V	1/2"	5/8" x 1"
+SPP75GV	1/2"	7/8" x 1 3/8"
*+SPP75GV	3/4"	7/8" x 1 3/8"
*+SPP100GV	1"	1 1/8" x 1 1/16"
*SPP100GV	1 1/4"	1 1/8" x 1 1/16"
+SPP2950V	1 1/4"	1 1/16" x 1 15/16"
*+SPP150GV	1 1/2"	1 3/8" x 2 3/16"
*+SPP200GV	2"	2" x 2 5/8"
+SPP2953V	2 1/2"	3 3/8" x 3 3/8"
*+SPP300GV	3"	3" x 3 3/4"
*+SPP400GV	4"	4" x 5"

* For all Banjo couplings.

+ For Aluminum & Stainless Steel couplers.



**STAINLESS STEEL CAM
ARMS**

(Arm, Pin & Ring)
For most Brass, Aluminum
& Stainless Steel
Cam Lock Fittings

No.	Mfg. No.	Coupler Size
SPP2528SS	HS-075-SS	1/2" & 3/4"
SPP2530SS	HS-100-SS	1"
SPPHS-200-SS	HS-200-SS	1 1/4" & 1 1/2"
SPP2538SS	HS-300-SS	3", 4" & 5"
2538SS	HS-600-SS	6"



**BRASS CAM ARMS,
RINGS & PINS**

(Arm, Pin & Ring)
For most Brass, Aluminum &
Stainless Steel Cam
Lock Fittings

No.	Mfg. No.	Coupler Size
SPP2530B	HF-100-BSS	1"
SPP2531B	HF-200-BSS	1 1/4" & 1 1/2"
SPPHF-300-BCC	HF-300-BSS	2" & 2 1/2"
SPPHF-600-BCC	HF-600-BSS	3", 4" & 5"
SPPHF-600-BCC	HF-600-BSS	6" & 8"



**90° ELBOW -
304 STAINLESS STEEL**

No.	FPT x FPT
SPP8821CS	1/8"
SPP8822CS	1/4"
SPP8823CS	3/8"
SPP8824CS	1/2"
SPP8825CS	3/4"
SPP8826CS	1"
SPP8827CS	1 1/4"
SPP8828CS	1 1/2"
SPP8829CS	2"
SPP8831CS	3"
SPP8832CS	4"



**TEE -
304 STAINLESS STEEL**

No.	FPT x FPT x FPT
SPP8871CS	1/8"
SPP8872CS	1/4"
SPP8873CS	3/8"
SPP8874CS	1/2"
SPP8875CS	3/4"
SPP8876CS	1"
SPP8877CS	1 1/4"
SPP8878CS	1 1/2"
SPP8879CS	2"
SPP8880CS	2 1/2"
SPP8881CS	3"
SPP8882CS	4"



**UNION -
304 STAINLESS STEEL**

No.	FPT x FPT
SPP8883CS	1/8"
SPP8884CS	1/4"
SPP8885CS	3/8"
SPP8886CS	1/2"
SPP8887CS	3/4"
SPP8888CS	1"
SPP8889CS	1 1/4"
SPP8890CS	1 1/2"
SPP8891CS	2"
SPP8891CS1	2 1/2"
SPP8892CS1	3"
SPP8892CS2	4"



**45° ELBOW -
304 STAINLESS STEEL**

No.	FPT x FPT
SPP8835CS	1/4"
SPP8836CS	3/8"
SPP8837CS	1/2"
SPP8838CS	3/4"
SPP8839CS	1"
SPP8840CS	1 1/4"
SPP8841CS	1 1/2"
SPP8842CS	2"
SPP8843CS	2 1/2"
SPP8844CS	3"
SPP8845CS	4"



**PLUG -
304 STAINLESS STEEL**

No.	MPT
SPP8893CS	1/8"
SPP8894CS	1/4"
SPP8895CS	3/8"
SPP8896CS	1/2"
SPP8897CS	3/4"
SPP8898CS	1"
SPP8899CS	1 1/4"
SPP8900CS	1 1/2"
SPP8901CS	2"
SPP8902CS	2 1/2"
SPP8903CS	3"
SPP8904CS	4"



**CAP -
304 STAINLESS STEEL**

No.	FPT	Each
SPP8915CS	1/8"	\$1.19
SPP8916CS	1/4"	0.46
SPP8917CS	3/8"	0.69
SPP8918CS	1/2"	1.29
SPP8919CS	3/4"	1.80
SPP8920CS	1"	4.65
SPP8921CS	1 1/4"	4.62
SPP8922CS	1 1/2"	8.18
SPP8923CS	2"	12.79
SPP8923CS1	2 1/2"	26.55
SPP8924CS	3"	38.95
SPP8924CS1	4"	68.64



**REDUCING
BUSHING -
304 STAINLESS STEEL**

No.	MPT x FPT
SPP8966CS	1/4" x 1/8"
SPP8968CS	3/8" x 1/4"
SPP8970CS	1/2" x 1/4"
SPP8971CS	1/2" x 3/8"
SPP8972CS	3/4" x 1/4"
SPP8974CS	3/4" x 1/2"
SPP8977CS	1" x 1/2"
SPP8978CS	1" x 3/4"
SPP8982CS	1 1/4" x 3/4"
SPP8983CS	1 1/4" x 1"
SPP8986CS	1 1/2" x 3/4"
SPP8987CS	1 1/2" x 1"
SPP8988CS	1 1/2" x 1 1/4"
SPP8993CS	2" x 1 1/2"
SPP8994CS	2 1/2" x 2"
SPP8995CS	3" x 2"



**REDUCING COUPLING -
304 STAINLESS
STEEL**

No.	FPT x FPT
SPP8940CS	1/4" x 1/8"
SPP8942CS	3/8" x 1/4"
SPP8943CS	1/2" x 1/4"
SPP8944CS	1/2" x 3/8"
SPP8946CS	3/4" x 3/8"
SPP8947CS	3/4" x 1/2"
SPP8950CS	1" x 1/2"
SPP8951CS	1" x 3/4"
SPP8952CS	1 1/4" x 1/2"
SPP8953CS	1 1/4" x 3/4"
SPP8954CS	1 1/4" x 1"
SPP8955CS	1 1/2" x 1/2"
SPP8956CS	1 1/2" x 3/4"
SPP8957CS	1 1/2" x 1"
SPP8958CS	1 1/2" x 1 1/4"
SPP8959CS3	2" x 1"
SPP8959CS4	2" X 1 1/4"
SPP8959CS5	2" x 1 1/2"
SPP8961CS6	3" x 2"
SPP8962CS1	4" x 3"



**COUPLING -
304 STAINLESS STEEL**

No.	FPT x FPT
SPP8857CS	1/8"
SPP8858CS	1/4"
SPP8859CS	3/8"
SPP8860CS	1/2"
SPP8861CS	3/4"
SPP8862CS	1"
SPP8863CS	1 1/4"
SPP8864CS	1 1/2"
SPP8865CS	2"
SPP8866CS	2 1/2"
SPP8867CS	3"
SPP8868CS	4"



**90° STREET ELBOW -
304 STAINLESS STEEL**

No.	FPT x FPT
SPP8846CS	1/8"
SPP8847CS	1/4"
SPP8848CS	3/8"
SPP8849CS	1/2"
SPP8850CS	3/4"
SPP8851CS	1"
SPP8852CS	1 1/4"
SPP8853CS	1 1/2"
SPP8854CS	2"

POLY / NYLON / METAL FITTINGS



90° ELBOW - STAINLESS STEEL

No.	FPT x FPT
SPP8821SS	1/8"
SPP8822SS	1/4"
SPP8823SS	3/8"
SPP8824SS	1/2"
SPP8825SS	3/4"
SPP8826SS	1"
SPP8827SS	1 1/4"
SPP8828SS	1 1/2"
SPP8829SS	2"
SPP8830SS	2 1/2"
SPP8831SS	3"
SPP8832SS	4"



45° ELBOW STAINLESS STEEL

No.	FPT x FPT
SPP8834SS	1/8"
SPP8835SS	1/4"
SPP8836SS	3/8"
SPP8837SS	1/2"
SPP8838SS	3/4"
SPP8839SS	1"
SPP8840SS	1 1/4"
SPP8841SS	1 1/2"
SPP8842SS	2"
SPP8843SS	2 1/2"
SPP8844SS	3"
SPP8845SS	4"



90° STREET ELBOW STAINLESS STEEL

No.	FPT x MPT
SPP8846SS	1/8"
SPP8847SS	1/4"
SPP8848SS	3/8"
SPP8849SS	1/2"
SPP8850SS	3/4"
SPP8851SS	1"
SPP8852SS	1 1/4"
SPP8853SS	1 1/2"
SPP8854SS	2"
SPP8854SS1	2 1/2"
SPP8855SS	3"
SPP8856SS	4"



CAP STAINLESS STEEL

No.	FPT
SPP8915SS	1/8"
SPP8916SS	1/4"
SPP8917SS	3/8"
SPP8918SS	1/2"
SPP8919SS	3/4"
SPP8920SS	1"
SPP8921SS	1 1/4"
SPP8922SS	1 1/2"
SPP8923SS	2"
SPP8923SS1	2 1/2"
SPP8924SS	3"
SPP8924SS1	4"



TEE STAINLESS STEEL

No.	FPT x FPT x FPT
SPP8871SS	1/8"
SPP8872SS	1/4"
SPP8873SS	3/8"
SPP8874SS	1/2"
SPP8875SS	3/4"
SPP8876SS	1"
SPP8877SS	1 1/4"
SPP8878SS	1 1/2"
SPP8879SS	2"
-	2 1/2"
SPP8881SS	3"
SPP8882SS	4"



FEMALE CROSS STAINLESS STEEL

No.	FPT
SPP9121SS	1/8"
SPP9122SS	1/4"
SPP9123SS	3/8"
SPP9124SS	1/2"
SPP9125SS	3/4"
SPP9126SS	1"
SPP9127SS	1 1/4"
SPP9128SS	1 1/2"
SPP9129SS	2"
SPP9129SS1	2 1/2"
SPP9130SS	3"
SPP9131SS	4"



FLANGES STAINLESS STEEL

No.	FPT	O.D.
SPP8906SS	1/2"	3 1/2"
SPP8907SS	3/4"	3 3/4"
SPP8908SS	1"	4 1/4"
SPP8909SS	1 1/4"	4 5/8"
SPP8910SS	1 1/2"	5"
SPP8911SS	2"	6"
SPP8912SS	2 1/2"	7"
SPP8913SS	3"	7 1/2"
SPP8914SS	4"	9"



PLUG STAINLESS STEEL

No.	MPT
SPP8893SS	1/8"
SPP8894SS	1/4"
SPP8895SS	3/8"
SPP8896SS	1/2"
SPP8897SS	3/4"
SPP8898SS	1"
SPP8899SS	1 1/4"
SPP8900SS	1 1/2"
SPP8901SS	2"
SPP8902SS	2 1/2"
SPP8903SS	3"
SPP8904SS	4"



COUPLING STAINLESS STEEL
(Some sizes ridged)

No.	FPT x FPT
SPP8857SS	1/8"
SPP8858SS	1/4"
SPP8859SS	3/8"
SPP8860SS	1/2"
SPP8861SS	3/4"
SPP8862SS	1"
SPP8863SS	1 1/4"
SPP8864SS	1 1/2"
SPP8865SS	2"
SPP8866SS	2 1/2"
SPP8867SS	3"
SPP8868SS	4"



HALF COUPLING STAINLESS STEEL
Beveled edge for welding

No.	FPT	Length
SPP8857SSH	1/8"	.433"
SPP8858SSH	1/4"	.512"
SPP8859SSH	3/8"	.551"
SPP8860SSH	1/2"	.709"
SPP8861SSH	3/4"	.788"
SPP8862SSH	1"	.827"
SPP8863SSH	1 1/4"	.945"
SPP8864SSH	1 1/2"	.945"
SPP8865SSH	2"	1.10"
SPP8866SSH	2 1/2"	1.30"
SPP8867SSH	3"	1.42"
SPP8868SSH	4"	1.65"



REDUCING COUPLING STAINLESS STEEL

No.	FPT x FPT
SPP8940SS	1/4" x 1/8"
SPP8941SS	3/8" x 1/8"
SPP8942SS	3/8" x 1/4"
SPP8943SS	1/2" x 1/4"
SPP8944SS	1/2" x 3/8"
SPP8946SS	3/4" x 3/8"
SPP8947SS	3/4" x 1/2"
SPP8950SS	1" x 1/2"
SPP8951SS	1" x 3/4"
SPP8952SS	1 1/4" x 1/2"
SPP8953SS	1 1/4" x 3/4"
SPP8954SS	1 1/4" x 1"
SPP8955SS	1 1/2" x 1/2"
SPP8956SS	1 1/2" x 3/4"
SPP8957SS	1 1/2" x 1"
SPP8958SS	1 1/2" x 1 1/4"
SPP8959SS1	2" x 1/2"
SPP8959SS2	2" x 3/4"
SPP8959SS3	2" x 1"
SPP8959SS4	2" x 1 1/4"
SPP8959SS5	2" x 1 1/2"
SPP8961SS5	3" x 1 1/2"
SPP8961SS6	3" x 2"
SPP8962SS1	4" x 3"

POLY / NYLON / METAL FITTINGS



**REDUCING BUSHING
STAINLESS STEEL**

No.	MPT x FPT
SPP8966SS	1/4" x 1/8"
SPP8967SS	3/8" x 1/8"
SPP8968SS	3/8" x 1/4"
SPP8970SS	1/2" x 1/4"
SPP8971SS	1/2" x 3/8"
SPP8972SS	3/4" x 1/4"
SPP8974SS	3/4" x 1/2"
SPP8977SS	1" x 1/2"
SPP8978SS	1" x 3/4"
SPP8982SS	1 1/4" x 3/4"
SPP8983SS	1 1/4" x 1"
SPP8986SS	1 1/2" x 3/4"
SPP8987SS	1 1/2" x 1"
SPP8988SS	1 1/2" x 1 1/4"
SPP8993SS	2" x 1 1/2"
SPP8994SS	2 1/2" x 2"
SPP8995SS	3" x 2"
SPP8996SS	4" x 3"



**UNION
STAINLESS STEEL**

No.	FPT x FPT
SPP8883SS	1/8"
SPP8884SS	1/4"
SPP8885SS	3/8"
SPP8886SS	1/2"
SPP8887SS	3/4"
SPP8888SS	1"
SPP8889SS	1 1/4"
SPP8890SS	1 1/2"
SPP8891SS	2"
SPP8891SS1	2 1/2"
SPP8892SS1	3"
SPP8892SS2	4"



**HEX
NIPPLES**

No.	MPT	Length
SPP122SS-18	1/8"	1.22"
SPP122SS-14	1/4"	1.30"
SPP122SS-38	3/8"	1.65"
SPP122SS-12	1/2"	1.97"
SPP122SS-34	3/4"	2"
SPP122SS-100	1"	2.48"
SPP122SS-114	1 1/4"	2.32"
SPP122SS-112	1 1/2"	2.54"
SPP122SS-200	2"	2.68"
-	2 1/2"	2.87"
SPP122SS-300	3"	3.39"
SPP122SS-400	4"	4.20"



STAINLESS STEEL PIPE NIPPLES

316 STAINLESS STEEL 150 PSI



No.	Size
SPP479-005-6	1/8" x 3/4"
SPP479-015-6	1/8" x 1 1/2"
SPP479-020-6	1/8" x 2"
SPP479-025-6	1/8" x 2 1/2"
SPP479-030-6	1/8" x 3"
SPP479-035-6	1/8" x 3 1/2"
SPP479-040-6	1/8" x 4"
SPP479-045-6	1/8" x 4 1/2"
SPP479-050-6	1/8" x 5"
SPP479-055-6	1/8" x 5 1/2"
SPP479-060-6	1/8" x 6"

No.	Size
SPP482-005-6	1/2" x 1 1/8"
SPP482-015-6	1/2" x 1 1/2"
SPP482-020-6	1/2" x 2"
SPP482-025-6	1/2" x 2 1/2"
SPP482-030-6	1/2" x 3"
SPP482-035-6	1/2" x 3 1/2"
SPP482-040-6	1/2" x 4"
SPP482-045-6	1/2" x 4 1/2"
SPP482-050-6	1/2" x 5"
SPP482-055-6	1/2" x 5 1/2"
SPP482-060-6	1/2" x 6"

No.	Size
SPP485-015-6	1 1/4" x 1 1/4"
SPP485-020-6	1 1/4" x 2"
SPP485-025-6	1 1/4" x 2 1/2"
SPP485-030-6	1 1/4" x 3"
SPP485-035-6	1 1/4" x 3 1/2"
SPP485-040-6	1 1/4" x 4"
SPP485-045-6	1 1/4" x 4 1/2"
SPP485-050-6	1 1/4" x 5"
SPP485-055-6	1 1/4" x 5 1/2"
SPP485-060-6	1 1/4" x 6"

No.	Size
SPP480-005-6	1/4" x 7/8"
SPP480-015-6	1/4" x 1 1/2"
SPP480-020-6	1/4" x 2"
SPP480-025-6	1/4" x 2 1/2"
SPP480-030-6	1/4" x 3"
SPP480-035-6	1/4" x 3 1/2"
SPP480-040-6	1/4" x 4"
SPP480-045-6	1/4" x 4 1/2"
SPP480-050-6	1/4" x 5"
SPP480-055-6	1/4" x 5 1/2"
SPP480-060-6	1/4" x 6"

No.	Size
SPP483-005-6	3/4" x 1 1/2"
SPP483-015-6	3/4" x 1 1/2"
SPP483-020-6	3/4" x 2"
SPP483-025-6	3/4" x 2 1/2"
SPP483-030-6	3/4" x 3"
SPP483-035-6	3/4" x 3 1/2"
SPP483-040-6	3/4" x 4"
SPP483-045-6	3/4" x 4 1/2"
SPP483-050-6	3/4" x 5"
SPP483-055-6	3/4" x 5 1/2"
SPP483-060-6	3/4" x 6"

No.	Size
SPP486-015-6	1 1/2" x 1 3/4"
SPP486-020-6	1 1/2" x 2"
SPP486-025-6	1 1/2" x 2 1/2"
SPP486-030-6	1 1/2" x 3"
SPP486-035-6	1 1/2" x 3 1/2"
SPP486-040-6	1 1/2" x 4"
SPP486-045-6	1 1/2" x 4 1/2"
SPP486-050-6	1 1/2" x 5"
SPP486-055-6	1 1/2" x 5 1/2"
SPP486-060-6	1 1/2" x 6"

No.	Size
SPP481-005-6	3/8" x 1"
SPP481-015-6	3/8" x 1 1/2"
SPP481-020-6	3/8" x 2"
SPP481-025-6	3/8" x 2 1/2"
SPP481-030-6	3/8" x 3"
SPP481-035-6	3/8" x 3 1/2"
SPP481-040-6	3/8" x 4"
SPP481-045-6	3/8" x 4 1/2"
SPP481-050-6	3/8" x 5"
SPP481-055-6	3/8" x 5 1/2"
SPP481-060-6	3/8" x 6"

No.	Size
SPP484-015-6	1" x 1 1/2"
SPP484-020-6	1" x 2"
SPP484-025-6	1" x 2 1/2"
SPP484-030-6	1" x 3"
SPP484-035-6	1" x 3 1/2"
SPP484-040-6	1" x 4"
SPP484-045-6	1" x 4 1/2"
SPP484-050-6	1" x 5"
SPP484-055-6	1" x 5 1/2"
SPP484-060-6	1" x 6"

No.	Size
SPP487-020-6	2" x 2"
SPP487-025-6	2" x 2 1/2"
SPP487-030-6	2" x 3"
SPP487-035-6	2" x 3 1/2"
SPP487-040-6	2" x 4"
SPP487-045-6	2" x 4 1/2"
SPP487-050-6	2" x 5"
SPP487-055-6	2" x 5 1/2"
SPP487-060-6	2" x 6"

No.	Size
SPP489-005-6	3" x 2 1/2"

No.	Size
SPP490-005-6	4" x 2 1/2"

POLY / NYLON / METAL FITTINGS

No.	Size
SPP479-005-1	1/8" x 3/4"
SPP479-015-1	1/8" x 1/2"
SPP479-020-1	1/8" x 2"
SPP479-025-1	1/8" x 2 1/2"
SPP479-030-1	1/8" x 3"
SPP479-035-1	1/8" x 3 1/2"
SPP479-040-1	1/8" x 4"
SPP479-045-1	1/8" x 4 1/2"
SPP479-050-1	1/8" x 5"
SPP479-060-1	1/8" x 6"
SPP479-070-1	1/8" x 7"
SPP479-080-1	1/8" x 8"
SPP479-110-1	1/8" x 11"
SPP479-120-1	1/8" x 12"

No.	Size
SPP480-005-1	1/4" x 7/8"
SPP480-015-1	1/4" x 1 1/2"
SPP480-020-1	1/4" x 2"
SPP480-025-1	1/4" x 2 1/2"
SPP480-030-1	1/4" x 3"
SPP480-035-1	1/4" x 3 1/2"
SPP480-040-1	1/4" x 4"
SPP480-045-1	1/4" x 4 1/2"
SPP480-050-1	1/4" x 5"
SPP480-055-1	1/4" x 5 1/2"
SPP480-060-1	1/4" x 6"
SPP480-070-1	1/4" x 7"
SPP480-080-1	1/4" x 8"
SPP480-090-1	1/4" x 9"
SPP480-100-1	1/4" x 10"
SPP480-110-1	1/4" x 11"
SPP480-120-1	1/4" x 12"

No.	Size
SPP481-005-1	3/8" x 1"
SPP481-015-1	3/8" x 1 1/2"
SPP481-020-1	3/8" x 2"
SPP481-025-1	3/8" x 2 1/2"
SPP481-030-1	3/8" x 3"
SPP481-035-1	3/8" x 3 1/2"
SPP481-040-1	3/8" x 4"
SPP481-045-1	3/8" x 4 1/2"
SPP481-050-1	3/8" x 5"
SPP481-055-1	3/8" x 5 1/2"
SPP481-060-1	3/8" x 6"
SPP481-070-1	3/8" x 7"
SPP481-080-1	3/8" x 8"
SPP481-090-1	3/8" x 9"
SPP481-100-1	3/8" x 10"
SPP481-110-1	3/8" x 11"
SPP481-120-1	3/8" x 12"

No.	Size
SPP482-005-1	1/2" x 1 1/8"
SPP482-015-1	1/2" x 1 1/2"
SPP482-020-1	1/2" x 2"
SPP482-025-1	1/2" x 2 1/2"
SPP482-030-1	1/2" x 3"
SPP482-035-1	1/2" x 3 1/2"
SPP482-040-1	1/2" x 4"
SPP482-045-1	1/2" x 4 1/2"
SPP482-050-1	1/2" x 5"
SPP482-055-1	1/2" x 5 1/2"
SPP482-060-1	1/2" x 6"
SPP482-070-1	1/2" x 7"
SPP482-080-1	1/2" x 8"
SPP482-090-1	1/2" x 9"
SPP482-110-1	1/2" x 11"
SPP482-120-1	1/2" x 12"

No.	Size
SPP483-005-1	3/4" x 1 1/8"
SPP483-015-1	3/4" x 1 1/2"
SPP483-020-1	3/4" x 2"
SPP483-025-1	3/4" x 2 1/2"
SPP483-030-1	3/4" x 3"
SPP483-035-1	3/4" x 3 1/2"
SPP483-040-1	3/4" x 4"
SPP483-045-1	3/4" x 4 1/2"
SPP483-050-1	3/4" x 5"
SPP483-055-1	3/4" x 5 1/2"
SPP483-060-1	3/4" x 6"
SPP483-070-1	3/4" x 7"
SPP483-080-1	3/4" x 8"
SPP483-090-1	3/4" x 9"
SPP483-100-1	3/4" x 10"
SPP483-110-1	3/4" x 11"
SPP483-120-1	3/4" x 12"

No.	Size
SPP484-005-1	1" x 1 1/2"
SPP484-020-1	1" x 2"
SPP484-025-1	1" x 2 1/2"
SPP484-030-1	1" x 3"
SPP484-035-1	1" x 3 1/2"
SPP484-040-1	1" x 4"
SPP484-045-1	1" x 4 1/2"
SPP484-050-1	1" x 5"
SPP484-055-1	1" x 5 1/2"
SPP484-060-1	1" x 6"
SPP484-070-1	1" x 7"
SPP484-080-1	1" x 8"
SPP484-090-1	1" x 9"
SPP484-100-1	1" x 10"
SPP484-110-1	1" x 11"
SPP484-120-1	1" x 12"

No.	Size
SPP485-015-1	1 1/4" x 1 1/8"
SPP485-020-1	1 1/4" x 2"
SPP485-025-1	1 1/4" x 2 1/2"
SPP485-030-1	1 1/4" x 3"
SPP485-035-1	1 1/4" x 3 1/2"
SPP485-040-1	1 1/4" x 4"
SPP485-045-1	1 1/4" x 4 1/2"
SPP485-050-1	1 1/4" x 5"
SPP485-055-1	1 1/4" x 5 1/2"
SPP485-060-1	1 1/4" x 6"
SPP485-070-1	1 1/4" x 7"
SPP485-080-1	1 1/4" x 8"
SPP485-090-1	1 1/4" x 9"
SPP485-100-1	1 1/4" x 10"
SPP485-110-1	1 1/4" x 11"
SPP485-120-1	1 1/4" x 12"

No.	Size
SPP486-015-1	1 1/2" x 1 1/8"
SPP486-020-1	1 1/2" x 2"
SPP486-025-1	1 1/2" x 2 1/2"
SPP486-030-1	1 1/2" x 3"
SPP486-035-1	1 1/2" x 3 1/2"
SPP486-040-1	1 1/2" x 4"
SPP486-050-1	1 1/2" x 5"
SPP486-055-1	1 1/2" x 5 1/2"
SPP486-060-1	1 1/2" x 6"
SPP486-070-1	1 1/2" x 7"
SPP486-080-1	1 1/2" x 8"
SPP486-090-1	1 1/2" x 9"
SPP486-100-1	1 1/2" x 10"
SPP486-110-1	1 1/2" x 11"
SPP486-120-1	1 1/2" x 12"

No.	Size
SPP487-020-1	2" x 2"
SPP487-025-1	2" x 2 1/2"
SPP487-030-1	2" x 3"
SPP487-035-1	2" x 3 1/2"
SPP487-040-1	2" x 4"
SPP487-045-1	2" x 4 1/2"
SPP487-050-1	2" x 5"
SPP487-060-1	2" x 6"
SPP487-070-1	2" x 7"
SPP487-080-1	2" x 8"
SPP487-090-1	2" x 9"
SPP487-100-1	2" x 10"
SPP487-110-1	2" x 11"
SPP487-120-1	2" x 12"

No.	Size
SPP488-025-1	2 1/2" x 2 1/2"
SPP488-030-1	2 1/2" x 3"
SPP488-035-1	2 1/2" x 3 1/2"
SPP488-040-1	2 1/2" x 4"
SPP488-045-1	2 1/2" x 4 1/2"
SPP488-050-1	2 1/2" x 5"
SPP488-055-1	2 1/2" x 5 1/2"
SPP488-060-1	2 1/2" x 6"
SPP488-070-1	2 1/2" x 7"
SPP488-080-1	2 1/2" x 8"
SPP488-090-1	2 1/2" x 9"
SPP488-100-1	2 1/2" x 10"
SPP488-110-1	2 1/2" x 11"
SPP488-120-1	2 1/2" x 12"

No.	Size
SPP489-005-1	3" x 2 3/8"
SPP489-030-1	3" x 3"
SPP489-035-1	3" x 3 1/2"
SPP489-040-1	3" x 4"
SPP489-045-1	3" x 4 1/2"
SPP489-050-1	3" x 5"
SPP489-055-1	3" x 5 1/2"
SPP489-060-1	3" x 6"
SPP489-070-1	3" x 7"
SPP489-080-1	3" x 8"
SPP489-090-1	3" x 9"
SPP489-100-1	3" x 10"
SPP489-110-1	3" x 11"
SPP489-120-1	3" x 12"

No.	Size
SPP490-005-1	4" x 2 3/8"
SPP490-040-1	4" x 4"
SPP490-045-1	4" x 4 1/2"
SPP490-050-1	4" x 5"
SPP490-055-1	4" x 5 1/2"
SPP490-060-1	4" x 6"
SPP490-070-1	4" x 7"
SPP490-080-1	4" x 8"
SPP490-090-1	4" x 9"
SPP490-100-1	4" x 10"
SPP490-110-1	4" x 11"
SPP490-120-1	4" x 12"



90° ELBOW

No.	FPT
SPP8821M	1/8"
SPP8822M	1/4"
SPP8823M	3/8"
SPP8824M	1/2"
SPP8825M	3/4"
SPP8826M	1"
SPP8827M	1 1/4"
SPP8828M	1 1/2"
SPP8829M	2"
SPP8830M	2 1/2"
SPP8831M	3"
SPP8832M	4"



TEE

No.	FPT
SPP8871M	1/8"
SPP8872M	1/4"
SPP8873M	3/8"
SPP8874M	1/2"
SPP8875M	3/4"
SPP8876M	1"
SPP8877M	1 1/4"
SPP8878M	1 1/2"
SPP8879M	2"
SPP8880M	2 1/2"
SPP8881M	3"
SPP8882M	4"



COUPLING

No.	FPT
SPP8857M	1/8"
SPP8858M	1/4"
SPP8859M	3/8"
SPP8860M	1/2"
SPP8861M	3/4"
SPP8862M	1"
SPP8863M	1 1/4"
SPP8864M	1 1/2"
SPP8865M	2"
SPP8866M	2 1/2"
SPP8867M	3"
SPP8868M	4"



REDUCING BUSHING

No.	MPT x FPT
SPP8966M	1/4" x 1/8"
SPP8967M	3/8" x 1/8"
SPP8968M	3/8" x 1/4"
SPP8969M	1/2" x 1/8"
SPP8970M	1/2" x 1/4"
SPP8971M	1/2" x 3/8"
SPP8972M	3/4" x 1/4"
SPP8973M	3/4" x 3/8"
SPP8974M	3/4" x 1/2"
SPP8977M	1" x 1/2"
SPP8978M	1" x 3/4"
SPP8980M	1 1/4" x 3/8"
SPP8981M	1 1/4" x 1/2"
SPP8982M	1 1/4" x 3/4"
SPP8983M	1 1/4" x 1"
SPP8985M	1 1/2" x 1/2"
SPP8986M	1 1/2" x 3/4"
SPP8987M	1 1/2" x 1"
SPP8988M	1 1/2" x 1 1/4"
SPP8989M	2" x 1/2"
SPP8990M	2" x 3/4"
SPP8991M	2" x 1"
SPP8992M	2" x 1 1/4"
SPP8993M	2" x 1 1/2"
SPP8995M	3" x 2"
SPP8996M	4" x 3"



45° ELBOW

No.	FPT
SPP8834M	1/8"
SPP8835M	1/4"
SPP8836M	3/8"
SPP8837M	1/2"
SPP8838M	3/4"
SPP8839M	1"
SPP8840M	1 1/4"
SPP8841M	1 1/2"
SPP8842M	2"
SPP8843M	2 1/2"
SPP8844M	3"
SPP8845M	4"



REDUCING TEE

No.	1 x 2 x 3
SPP8931M5	3/4" x 1/2" x 1/2"
SPP8931M6	1/2" x 1/2" x 3/4"
SPP8932M	3/4" x 3/4" x 1/2"
SPP8932M2	1" x 1/2" x 1/2"
SPP8932M3	1" x 1/2" x 3/4"
SPP8932M5	1" x 3/4" x 3/4"
SPP8932M7	1" x 1/2" x 1"
SPP8932M9	1" x 3/4" x 1"
SPP8933M	1" x 1" x 1/2"
SPP8934M	1" x 1" x 3/4"
SPP8935M	1 1/4" x 1 1/4" x 1/2"
SPP8936M	1 1/4" x 1 1/4" x 3/4"
SPP8937M	1 1/4" x 1 1/4" x 1"



STEEL MERCHANT COUPLING

No.	Size	Thread
SPP8857S	1/8"	Straight
SPP8858S	1/4"	Straight
SPP8859S	3/8"	Straight
SPP8860S	1/2"	Straight
SPP8861S	3/4"	Straight
SPP8862S	1"	Straight
SPP8863S	1 1/4"	Straight
SPP8864S	1 1/2"	Straight
SPP8865S	2"	Straight
SPP8866S	2 1/2"	Taper
SPP8867S	3"	Taper
SPP8868S	4"	Taper



90° STREET ELBOW

No.	FPT x MPT
SPP8846M	1/8"
SPP8847M	1/4"
SPP8848M	3/8"
SPP8849M	1/2"
SPP8850M	3/4"
SPP8851M	1"
SPP8852M	1 1/4"
SPP8853M	1 1/2"
SPP8854M	2"



CAP

No.	FPT
SPP8915M	1/8"
SPP8916M	1/4"
SPP8917M	3/8"
SPP8918M	1/2"
SPP8919M	3/4"
SPP8920M	1"
SPP8921M	1 1/4"
SPP8922M	1 1/2"
SPP8923M	2"
SPP8924M	3"
SPP8924M1	4"



STEEL MERCHANT HALF COUPLER
Chambered One End

No.	Size	Thread
SPP8858SH	1/4"	Straight
SPP8859SH	3/8"	Straight
SPP8860SH	1/2"	Straight
SPP8861SH	3/4"	Straight
SPP8863SH	1 1/4"	Straight
SPP8865SH	2"	Straight
SPP8866SH	2 1/2"	Taper
SPP8867SH	3"	Taper
SPP8868SH	4"	Taper



REDUCING COUPLING

No.	FPT x FPT
SPP8942M	3/8" x 1/4"
SPP8943M	1/2" x 1/4"
SPP8944M	1/2" x 3/8"
SPP8946M	3/4" x 3/8"
SPP8947M	3/4" x 1/2"
SPP8950M	1" x 1/2"
SPP8951M	1" x 3/4"
SPP8952M	1 1/4" x 1/2"
SPP8953M	1 1/4" x 3/4"
SPP8954M	1 1/4" x 1"
SPP8955M	1 1/2" x 1/2"
SPP8956M	1 1/2" x 3/4"
SPP8957M	1 1/2" x 1"
SPP8958M	1 1/2" x 1 1/4"
SPP8959M1	2" x 1/2"
SPP8959M2	2" x 3/4"
SPP8959M3	2" x 1"
SPP8959M4	2" x 1 1/4"
SPP8959M5	2" x 1 1/2"
SPP8960M6	2 1/2" x 2"
SPP8961M5	3" x 1 1/2"
SPP8961M6	3" x 2"
SPP8961M7	3" x 2 1/2"
SPP8962M8	4" x 3"



90° REDUCING ELBOW

No.	FPT x FPT
SPP8925M	3/8" x 1/4"
SPP8925M1	1/2" x 1/4"
SPP8925M2	1/2" x 3/8"
SPP8925M3	3/4" x 3/8"
SPP8926M	3/4" x 1/2"
SPP8927M	1" x 1/2"
SPP8928M	1" x 3/4"
SPP8928M3	1 1/4" x 3/4"
SPP8929M	1 1/4" x 1"
SPP8929M3	1 1/2" x 3/4"
SPP8929M4	1 1/2" x 1"
SPP8930M	1 1/2" x 1 1/4"
SPP8930M4	2" x 1"
SPP8930M8	2" x 1 1/4"
SPP8930M9	2" x 1 1/2"



FLANGE

No.	Size
SPP8907M	1/2"
SPP8908M	3/4"
SPP8909M	1"
SPP8910M	1 1/4"
SPP8911M	1 1/2"
SPP8912M	2"



LOCK NUTS

No.	FPT
SPP9135M	1/2"
SPP9136M	3/4"
SPP9137M	1"
SPP9138M	1 1/4"
SPP9139M	1 1/2"



PLUG

No.	MPT	Each
SPP8893M	1/8"	\$2.29
SPP8894M	1/4"	2.29
SPP8895M	3/8"	2.29
SPP8896M	1/2"	1.82
SPP8897M	3/4"	2.36
SPP8898M	1"	2.43
SPP8899M	1 1/4"	3.64
SPP8900M	1 1/2"	4.25
SPP8901M	2"	6.07
SPP8902M	2 1/2"	13.45
SPP8903M	3"	18.82
SPP8904M	4"	33.58

Black Iron Continued....



**FEMALE CROSS
BLACK IRON**

No.	FPT
SPP9121M	1/8"
SPP9122M	1/4"
SPP9123M	3/8"
SPP9124M	1/2"
SPP9125M	3/4"
SPP9126M	1"
SPP9127M	1 1/4"
SPP9128M	1 1/2"
SPP9129M	2"



**UNION
BLACK IRON**

No.	FPT
SPP8884M	1/4"
SPP8885M	3/8"
SPP8886M	1/2"
SPP8887M	3/4"
SPP8888M	1"
SPP8889M	1 1/4"
SPP8890M	1 1/2"
SPP8891M	2"
SPP8891M1	2 1/2"
SPP8892M1	3"
SPP8892M2	4"



**REDUCING
BUSHING
GALVANIZED**

No.	MPT x FPT
SPP8966G	1/4" x 1/8"
SPP8967G	3/8" x 1/8"
SPP8968G	3/8" x 1/4"
SPP8969G	1/2" x 1/8"
SPP8970G	1/2" x 1/4"
SPP8971G	1/2" x 3/8"
SPP8972G	3/4" x 1/4"
SPP8973G	3/4" x 3/8"
SPP8974G	3/4" x 1/2"
SPP8975G	1" x 1/4"
SPP8976G	1" x 3/8"
SPP8977G	1" x 1/2"
SPP8978G	1" x 3/4"
SPP8980G	1 1/4" x 3/8"
SPP8981G	1 1/4" x 1/2"
SPP8982G	1 1/4" x 3/4"
SPP8983G	1 1/4" x 1"
SPP8985G	1 1/2" x 1/2"
SPP8986G	1 1/2" x 3/4"
SPP8987G	1 1/2" x 1"
SPP8988G	1 1/2" x 1 1/4"
SPP8989G	2" x 1/2"
SPP8990G	2" x 3/4"
SPP8991G	2" x 1"
SPP8992G	2" x 1 1/4"
SPP8993G	2" x 1 1/2"
SPP8994G	3" x 1 1/2"
SPP8995G	3" x 2"



**90° ELBOW
GALVANIZED**

No.	FPT x FPT
SPP8821G	1/8"
SPP8822G	1/4"
SPP8823G	3/8"
SPP8824G	1/2"
SPP8825G	3/4"
SPP8826G	1"
SPP8827G	1 1/4"
SPP8828G	1 1/2"
SPP8829G	2"
SPP8830G	2 1/2"
SPP8831G	3"
SPP8832G	4"



**45° ELBOW
GALVANIZED**

No.	FPT x FPT
SPP8835G	1/4"
SPP8836G	3/8"
SPP8837G	1/2"
SPP8838G	3/4"
SPP8839G	1"
SPP8840G	1 1/4"
SPP8841G	1 1/2"
SPP8842G	2"
SPP8843G	2 1/2"
SPP8844G	3"



**90° STREET
ELBOW
GALVANIZED**

No.	MPT x FPT
SPP8846G	1/8"
SPP8847G	1/4"
SPP8848G	3/8"
SPP8849G	1/2"
SPP8850G	3/4"
SPP8851G	1"
SPP8852G	1 1/4"
SPP8853G	1 1/2"
8854G	2"



**90° REDUCING
ELBOW
GALVANIZED**

No.	FPT x FPT
SPP8925G	3/8" x 1/4"
SPP8925G1	1/2" x 1/4"
SPP8925G2	1/2" x 3/8"
SPP8925G3	3/4" x 3/8"
SPP8926G	3/4" x 1/2"
SPP8927G	1" x 1/2"
SPP8928G	1" x 3/4"
SPP8928G3	1 1/4" x 3/4"
SPP8929G	1 1/4" x 1"
SPP8929G3	1 1/2" x 3/4"
SPP8929G4	1 1/2" x 1"
SPP8930G	1 1/2" x 1 1/4"
SPP8930G4	2" x 1"
SPP8930G8	2" x 1 1/4"
SPP8930G9	2" x 1 1/2"



**TEE
GALVANIZED**

No.	FPT
SPP8871G	1/8"
SPP8872G	1/4"
SPP8873G	3/8"
SPP8874G	1/2"
SPP8875G	3/4"
SPP8876G	1"
SPP8877G	1 1/4"
SPP8878G	1 1/2"
SPP8879G	2"
SPP8880G	2 1/2"
SPP8881G	3"
SPP8882G	4"



**REDUCING TEE
GALVANIZED
FPT**

No.	1 x 2 x 3
SPP8931G6	3/4" x 1/2" x 1/2"
SPP8932G	3/4" x 3/4" x 1/2"
SPP8932G3	1" x 1/2" x 3/4"
SPP8932G5	1" x 3/4" x 3/4"
SPP8932G7	1" x 1/2" x 1"
SPP8932G9	1" x 3/4" x 1"
SPP8933G	1" x 1" x 1/2"
SPP8934G	1" x 1" x 3/4"
SPP8935G	1 1/4" x 1 1/4" x 1/2"
SPP8936G	1 1/4" x 1 1/4" x 3/4"
SPP8937G	1 1/4" x 1 1/4" x 1"



**FEMALE CROSS
GALVANIZED**

No.	FPT
SPP9121G	1/8"
SPP9122G	1/4"
SPP9123G	3/8"
SPP9124G	1/2"
SPP9125G	3/4"
SPP9126G	1"
SPP9127G	1 1/4"
SPP9128G	1 1/2"
SPP9129G	2"
SPP9130G	3"



**PLUG
GALVANIZED**

No.	MPT
SPP8893G	1/8"
SPP8894G	1/4"
SPP8895G	3/8"
SPP8896G	1/2"
SPP8897G	3/4"
SPP8898G	1"
SPP8899G	1 1/4"
SPP8900G	1 1/2"
SPP8901G	2"
SPP8902G	2 1/2"
SPP8903G	3"
SPP8904G	4"



**COUPLING
GALVANIZED**

No.	FPT x FPT
SPP8857G	1/8"
SPP8858G	1/4"
SPP8859G	3/8"
SPP8860G	1/2"
SPP8861G	3/4"
SPP8862G	1"
SPP8863G	1 1/4"
SPP8864G	1 1/2"
SPP8865G	2"
SPP8866G	2 1/2"
SPP8867G	3"
SPP8868G	4"



**SEAMLESS
STEEL
COUPLING
GALVANIZED**

No.	Size	Thread
SPP8857SG	1/8"	Straight
SPP8858SG	1/4"	Straight
SPP8859SG	3/8"	Straight
SPP8860SG	1/2"	Straight
SPP8861SG	3/4"	Straight
SPP8862SG	1"	Straight
SPP8863SG	1 1/4"	Straight
SPP8865SG	2"	Straight
SPP8866SG	2 1/2"	Taper
SPP8867SG	3"	Taper
SPP8868SG	4"	Taper



**CAP
GALVANIZED**

No.	FPT
SPP8915G	1/8"
SPP8916G	1/4"
SPP8917G	3/8"
SPP8918G	1/2"
SPP8919G	3/4"
SPP8920G	1"
SPP8921G	1 1/4"
SPP8922G	1 1/2"
SPP8923G	2"
SPP8924G	3"
SPP8924G1	4"



**LOCK NUTS
GALVANIZED**

No.	Size
SPP9135G	1/2"
SPP9136G	3/4"
SPP9137G	1"
SPP9138G	1 1/4"
SPP9139G	1 1/2"
SPP9140G	2"



**REDUCING
COUPLING
GALVANIZED**

No.	FPT x FPT
SPP8940G	1/4" x 1/8"
SPP8941G	3/8" x 1/8"
SPP8942G	3/8" x 1/4"
SPP8943G	1/2" x 1/4"
SPP8944G	1/2" x 3/8"
SPP8946G	3/4" x 3/8"
SPP8947G	3/4" x 1/2"
SPP8950G	1" x 1/2"
SPP8951G	1" x 3/4"
SPP8952G	1 1/4" x 1/2"
SPP8953G	1 1/4" x 3/4"
SPP8954G	1 1/2" x 1"
SPP8955G	1 1/2" x 1 1/2"
SPP8956G	1 1/2" x 3/4"
SPP8957G	1 1/2" x 1"
SPP8958G	1 1/2" x 1 1/4"
SPP8959G1	2" x 1/2"
SPP8959G2	2" x 3/4"
SPP8959G3	2" x 1"
SPP8959G4	2" x 1 1/4"
SPP8959G5	2" x 1 1/2"
SPP8960G6	2 1/2" x 2"
SPP8961G5	3" x 1 1/2"
SPP8961G6	3" x 2"
SPP8961G7	3" x 2 1/2"
SPP8962G8	4" x 3"



**UNION
GALVANIZED**

No.	FPT
SPP8884CS	1/4"
SPP8885G	3/8"
SPP8886G	1/2"
SPP8887G	3/4"
SPP8888G	1"
SPP8889G	1 1/4"
SPP8890G	1 1/2"
SPP8891G	2"
SPP8891G1	2 1/2"
SPP8892G1	3"
SPP8892G2	4"



**FLANGE
GALVANIZED**

No.	FPT
SPP8907G	1/2"
SPP8908G	3/4"
SPP8909G	1"
SPP8910G	1 1/4"
SPP8911G	1 1/2"
SPP8912G	2"

No.	Size
SPP479-005-3	1/8" x 3/4"
SPP479-015-3	1/8" x 1 1/2"
SPP479-020-3	1/8" x 2"
SPP479-025-3	1/8" x 2 1/2"
SPP479-030-3	1/8" x 3"
SPP479-035-3	1/8" x 3 1/2"
SPP479-040-3	1/8" x 4"
SPP479-045-3	1/8" x 4 1/2"
SPP479-050-3	1/8" x 5"
SPP479-050-6	1/8" x 5 1/2"
SPP479-060-3	1/8" x 6"
SPP479-070-3	1/8" x 7"
SPP479-080-3	1/8" x 8"
SPP479-080-4	1/8" x 9"
SPP479-100-3	1/8" x 10"
SPP479-110-3	1/8" x 11"
SPP479-120-3	1/8" x 12"

No.	Size
SPP480-005-3	1/4" x 7/8"
SPP480-015-3	1/4" x 1 1/2"
SPP480-020-3	1/4" x 2"
SPP480-025-3	1/4" x 2 1/2"
SPP480-030-3	1/4" x 3"
SPP480-035-3	1/4" x 3 1/2"
SPP480-040-3	1/4" x 4"
SPP480-045-3	1/4" x 4 1/2"
SPP480-050-3	1/4" x 5"
SPP480-055-1	1/4" x 5 1/2"
SPP480-060-3	1/4" x 6"
SPP480-070-3	1/4" x 7"
SPP480-080-3	1/4" x 8"
SPP480-090-3	1/4" x 9"
SPP480-100-3	1/4" x 10"
SPP480-110-3	1/4" x 11"
SPP480-120-3	1/4" x 12"

No.	Size
SPP481-005-3	3/8" x 1"
SPP481-015-3	3/8" x 1 1/2"
SPP481-020-3	3/8" x 2"
SPP481-025-3	3/8" x 2 1/2"
SPP481-030-3	3/8" x 3"
SPP481-035-3	3/8" x 3 1/2"
SPP481-040-3	3/8" x 4"
SPP481-045-3	3/8" x 4 1/2"
SPP481-050-3	3/8" x 5"
SPP481-055-3	3/8" x 5 1/2"
SPP481-060-3	3/8" x 6"
SPP481-070-3	3/8" x 7"
SPP481-080-3	3/8" x 8"
SPP481-090-1	3/8" x 9"
SPP481-100-3	3/8" x 10"
SPP481-110-3	3/8" x 11"
SPP481-120-3	3/8" x 12"

No.	Size
SPP482-005-3	1/2" x 1 1/4"
SPP482-015-3	1/2" x 1 1/2"
SPP482-020-3	1/2" x 2"
SPP482-025-3	1/2" x 2 1/2"
SPP482-030-3	1/2" x 3"
SPP482-035-3	1/2" x 3 1/2"
SPP482-040-3	1/2" x 4"
SPP482-045-3	1/2" x 4 1/2"
SPP482-050-3	1/2" x 5"
SPP482-055-3	1/2" x 5 1/2"
SPP482-060-3	1/2" x 6"
SPP482-070-3	1/2" x 7"
SPP482-080-3	1/2" x 8"
SPP482-090-3	1/2" x 9"
SPP482-100-3	1/2" x 10"
SPP482-110-3	1/2" x 11"
SPP482-120-3	1/2" x 12"

No.	Size
SPP483-005-3	3/4" x 1 1/2"
SPP483-015-3	3/4" x 1 1/2"
SPP483-020-3	3/4" x 2"
SPP483-025-3	3/4" x 2 1/2"
SPP483-030-3	3/4" x 3"
SPP483-035-3	3/4" x 3 1/2"
SPP483-040-3	3/4" x 4"
SPP483-045-3	3/4" x 4 1/2"
SPP483-050-3	3/4" x 5"
SPP483-055-3	3/4" x 5 1/2"
SPP483-060-3	3/4" x 6"
SPP483-070-3	3/4" x 7"
SPP483-080-3	3/4" x 8"
SPP483-090-3	3/4" x 9"
SPP483-100-3	3/4" x 10"
SPP483-110-3	3/4" x 11"
SPP483-120-3	3/4" x 12"

No.	Size
SPP484-005-3	1" x 1 1/2"
SPP484-020-3	1" x 2"
SPP484-025-3	1" x 2 1/2"
SPP484-030-3	1" x 3"
SPP484-035-3	1" x 3 1/2"
SPP484-040-3	1" x 4"
SPP484-045-3	1" x 4 1/2"
SPP484-050-3	1" x 5"
SPP484-055-3	1" x 5 1/2"
SPP484-060-3	1" x 6"
SPP484-070-3	1" x 7"
SPP484-080-3	1" x 8"
SPP484-090-3	1" x 9"
SPP484-100-3	1" x 10"
SPP484-110-3	1" x 11"
SPP484-120-3	1" x 12"

No.	Size
SPP485-015-3	1 1/4" x 1 1/2"
SPP485-020-3	1 1/4" x 2"
SPP485-025-3	1 1/4" x 2 1/2"
SPP485-030-3	1 1/4" x 3"
SPP485-035-3	1 1/4" x 3 1/2"
SPP485-040-3	1 1/4" x 4"
SPP485-045-3	1 1/4" x 4 1/2"
SPP485-050-3	1 1/4" x 5"
SPP485-055-3	1 1/4" x 5 1/2"
SPP485-060-3	1 1/4" x 6"
SPP485-070-3	1 1/4" x 7"
SPP485-080-3	1 1/4" x 8"
SPP485-090-3	1 1/4" x 9"
SPP485-100-3	1 1/4" x 10"
SPP485-110-3	1 1/4" x 11"
SPP485-120-3	1 1/4" x 12"

No.	Size
SPP486-015-3	1 1/2" x 1 3/4"
SPP486-020-3	1 1/2" x 2"
SPP486-025-3	1 1/2" x 2 1/2"
SPP486-030-3	1 1/2" x 3"
SPP486-035-3	1 1/2" x 3 1/2"
SPP486-040-3	1 1/2" x 4"
SPP486-045-3	1 1/2" x 4 1/2"
SPP486-050-3	1 1/2" x 5"
SPP486-055-3	1 1/2" x 5 1/2"
SPP486-060-3	1 1/2" x 6"
SPP486-070-1	1 1/2" x 7"
SPP486-080-3	1 1/2" x 8"
SPP486-090-3	1 1/2" x 9"
SPP486-100-1	1 1/2" x 10"
SPP486-110-3	1 1/2" x 11"
SPP486-120-3	1 1/2" x 12"

No.	Size
SPP487-020-3	2" x 2"
SPP487-025-3	2" x 2 1/2"
SPP487-030-3	2" x 3"
SPP487-035-3	2" x 3 1/2"
SPP487-040-3	2" x 4"
SPP487-045-3	2" x 4 1/2"
SPP487-050-3	2" x 5"
SPP487-055-3	2" x 5 1/2"
SPP487-060-3	2" x 6"
SPP487-070-3	2" x 7"
SPP487-080-3	2" x 8"
SPP487-090-3	2" x 9"
SPP487-100-3	2" x 10"
SPP487-110-3	2" x 11"
SPP487-120-3	2" x 12"

No.	Size
SPP488-025-3	2 1/2" x 2 1/2"
SPP488-030-3	2 1/2" x 3"
SPP488-035-3	2 1/2" x 3 1/2"
SPP488-040-3	2 1/2" x 4"
SPP488-045-3	2 1/2" x 4 1/2"
SPP488-050-3	2 1/2" x 5"
SPP488-055-3	2 1/2" x 5 1/2"
SPP488-060-3	2 1/2" x 6"
SPP488-070-3	2 1/2" x 7"
SPP488-080-3	2 1/2" x 8"
SPP488-090-3	2 1/2" x 9"
SPP488-100-3	2 1/2" x 10"
SPP488-110-3	2 1/2" x 11"
SPP488-120-3	2 1/2" x 12"

No.	Size
SPP489-005-3	3" x 2 1/2"
SPP489-030-3	3" x 3"
SPP489-035-3	3" x 3 1/2"
SPP489-040-3	3" x 4"
SPP489-045-3	3" x 4 1/2"
SPP489-050-3	3" x 5"
SPP489-055-3	3" x 5 1/2"
SPP489-060-3	3" x 6"
SPP489-070-3	3" x 7"
SPP489-080-3	3" x 8"
SPP489-090-3	3" x 9"
SPP489-100-3	3" x 10"
SPP489-110-3	3" x 11"
SPP489-120-3	3" x 12"

No.	Size
SPP490-005-1	4" x 2 1/4"
SPP490-040-3	4" x 4"
SPP490-045-3	4" x 4 1/2"
SPP490-050-3	4" x 5"
SPP490-055-3	4" x 5 1/2"
SPP490-060-3	4" x 6"
SPP490-070-3	4" x 7"
SPP490-080-3	4" x 8"
SPP490-090-3	4" x 9"
SPP490-100-3	4" x 10"
SPP490-110-3	4" x 11"
SPP490-120-3	4" x 12"

POLY / NYLON / METAL FITTINGS



STEEL ADAPTER PLATED
MPT x HB

No.	MPT x HB
SPP10-1814SP	1/8" x 1/4"
SPP10-14SP	1/4" x 1/4"
SPP10-1412SP	1/4" x 1/2"
SPP10-3814SP	3/8" x 1/4"
SPP10-38SP	3/8" x 3/8"
SPP10-3812SP	3/8" x 1/2"
SPP10-1238SP	1/2" x 3/8"
SPP10-12SP	1/2" x 1/2"
SPP10-1258SP	1/2" x 5/8"
SPP10-1234SP	1/2" x 3/4"
SPP10-3438SP	3/4" x 3/8"
SPP10-3412SP	3/4" x 1/2"
SPP10-3458SP	3/4" x 5/8"
SPP10-34SP	3/4" x 3/4"
SPP10-34100SP	3/4" x 1"
SPP10-100SP	1" x 1"
SPP10-114SP	1 1/4" x 1 1/4"
SPP10-112SP	1 1/2" x 1 1/2"
SPP10-200SP	2" x 2"
SPP10-212SP	2 1/2" x 2 1/2"
SPP10-300SP	3" x 3"
SPP10-400SP	4" x 4"
SPP10-500SP	5" x 5"
SPP10-600SP	6" x 6"
SPP10-800SP	8" x 8"



STEEL ADAPTER PLAIN
MPT x HB

No.	MPT x HB
SPP10-12S	1/2" x 1/2"
SPP10-34S	3/4" x 3/4"
SPP10-100S	1" x 1"
SPP10-114S	1 1/4" x 1 1/4"
SPP10-112S	1 1/2" x 1 1/2"
SPP10-200S	2" x 2"
SPP10-212S	2 1/2" x 2 1/2"
SPP10-300S	3" x 3"
SPP10-400S	4" x 4"
SPP10-500S	5" x 5"
SPP10-600S	6" x 6"
SPP10-800S	8" x 8"



STEEL JOINER PLATED
HB x HB

No.	HB x HB
SPP14-12SP	1/2" x 1/2"
SPP14-34SP	3/4" x 3/4"
SPP14-100SP	1" x 1"
SPP14-114SP	1 1/4" x 1 1/4"
SPP14-112SP	1 1/2" x 1 1/2"
SPP14-200SP	2" x 2"
SPP14-212SP	2 1/2" x 2 1/2"
SPP14-300SP	3" x 3"
SPP14-400SP	4" x 4"
SPP14-500SP	5" x 5"
SPP14-600SP	6" x 6"
SPP14-800SP	8" x 8"



STEEL SWIVEL ADAPTER PLATED
FPT x HB

No.	HB	Nut Req.
SPP34-38SP	3/8"	3/4"
SPP34-34SP	3/4"	3/4"
Sealing Washer		
SPPW406V	3/4" Washer	
SPPW160M	3/4" Filter/Washer	



STEEL JOINER PLAIN
HB x HB

No.	HB x HB
SPP14-12S	1/2" x 1/2"
SPP14-34S	3/4" x 3/4"
SPP14-100S	1" x 1"
SPP14-114S	1 1/4" x 1 1/4"
SPP14-112S	1 1/2" x 1 1/2"
SPP14-200S	2" x 2"
SPP14-212S	2 1/2" x 2 1/2"
SPP14-300S	3" x 3"
SPP14-400S	4" x 4"
SPP14-500S	5" x 5"
SPP14-600S	6" x 6"
SPP14-800S	8" x 8"

STAINLESS STEEL & ALUMINUM HOSE FITTINGS



316 STAINLESS STEEL HOSE ADAPTERS
MPT x HB

No.	MPT x HB
SPPHB025-038SS	1/4" x 3/8"
SPPHB025-050SS	1/4" x 1/2"
SPP10-38SS	3/8" x 3/8"
SPPHB038-050SS	3/8" x 1/2"
SPP10-12SS	1/2" x 1/2"
SPPHB050-058SS	1/2" x 5/8"
SPPHB050-075SS	1/2" x 3/4"
SPPHB075-050SS	3/4" x 1/2"
SPP10-34SS	3/4" x 3/4"
SPPHB075-100SS	3/4" x 1"
SPPHB100-075SS	1" x 3/4"
SPP10-100SS	1" x 1"
SPP10-114SS	1 1/4" x 1 1/4"
SPP10-112SS	1 1/2" x 1 1/2"
SPP12HH2	2" x 2"
SPP10-300SS*	3" x 3"
SPP10-400SS*	4" x 4"
SPP10-500SS*	5" x 5"
SPP10-600SS*	6" x 6"
SPP10-800SS*	8" x 8"



ALUMINUM HOSE ADAPTERS
MPT x HB

No.	MPT x HB
SPP10-34A	3/4" x 3/4"
SPP10-100A	1" x 1"
SPP10-114A	1 1/4" x 1 1/4"
SPP10-112A	1 1/2" x 1 1/2"
SPP10-200A	2" x 2"
SPP10-300A	3" x 3"
SPP10-400A	4" x 4"



ALUMINUM HOSE JOINER
HB x HB

No.	HB x HB
SPP14-112A	1 1/2" x 1 1/2"
SPP14-200A	2" x 2"
SPP14-212A	2 1/2" x 2 1/2"
SPP14-300A	3" x 3"
SPP14-400A	4" x 4"
SPP14-600A	6" x 6"

* Sizes are 304SS



BRASS ADAPTER
MPT x HB

No.	MPT x HB
SPP10-1032116B	10/32" x 1/16"
SPP10-103218B	10/32" x 1/8"
SPP10-18B	1/8" x 1/8"
SPP10-18316B	1/8" x 3/16"
SPP10-1814B	1/8" x 1/4"
SPP10-18516B	1/8" x 5/16"
SPP10-1838B	1/8" x 3/8"
SPP10-1418B	1/4" x 1/8"
SPP10-14316B	1/4" x 3/16"
SPP10-14B	1/4" x 1/4"
SPP10-14516B	1/4" x 5/16"
SPP10-1438B	1/4" x 3/8"
SPP10-1412B	1/4" x 1/2"
SPP10-3814B	3/8" x 1/4"
SPP10-38516B	3/8" x 5/16"
SPP10-38B	3/8" x 3/8"
SPP10-3812B	3/8" x 1/2"
SPP10-3858B	3/8" x 5/8"
SPP10-3834B	3/8" x 3/4"
SPP10-1214B	1/2" x 1/4"
SPP10-1238B	1/2" x 3/8"
SPP10-12B	1/2" x 1/2"
SPP10-1258B	1/2" x 5/8"
SPP10-1234B	1/2" x 3/4"
SPP10-3438B	3/4" x 3/8"
SPP10-3412B	3/4" x 1/2"
SPP10-3458B	3/4" x 5/8"
SPP10-34B	3/4" x 3/4"
SPP10-34100B	3/4" x 1"
SPP10-100B	1" x 1"
SPP10-100114B	1" x 1/4"
SPP10-114B	1 1/4" x 1 1/4"
SPP10-112B	1 1/2" x 1 1/2"
SPP10-212B	2 1/2" x 2 1/2"
SPP10-300B	3" x 3"
SPP10-400B	4" x 4"



BRASS ADAPTER
FPT x HB

No.	FPT x HB
SPP11-18B	1/8" x 1/8"
SPP11-18316B	1/8" x 3/16"
SPP11-1814B	1/8" x 1/4"
SPP11-1838B	1/8" x 3/8"
SPP11-1418B	1/4" x 1/8"
SPP11-14316B	1/4" x 3/16"
SPP11-14B	1/4" x 1/4"
SPP11-14516B	1/4" x 5/16"
SPP11-1438B	1/4" x 3/8"
SPP11-1412B	1/4" x 1/2"
SPP11-3814B	3/8" x 1/4"
SPP11-38516B	3/8" x 5/16"
SPP11-38B	3/8" x 3/8"
SPP11-3812B	3/8" x 1/2"
SPP11-1238B	1/2" x 3/8"
SPP11-12B	1/2" x 1/2"
SPP11-34B	3/4" x 3/4"
SPP11-34100B	3/4" x 1"



BRASS HOSE BARB SWIVEL
2" Long Hose Barb

No.	FGHT x HB
SPP90.900.046	3/4" x 3/8" x 2"
SPP90.900.021	3/4" x 1/2" x 2"
SPP90.900.034	3/4" x 3/4" x 2"



BRASS 90° ELBOW
MPT x HB

No.	MPT x HB
SPP12-18316B	1/8" x 3/16"
SPP12-1814B	1/8" x 1/4"
SPP12-18516B	1/8" x 5/16"
SPP12-1838B	1/8" x 3/8"
SPP12-14B	1/4" x 1/4"
SPP12-14516B	1/4" x 5/16"
SPP12-1438B	1/4" x 3/8"
SPP12-1458B	1/4" x 5/8"
SPP12-3814B	3/8" x 1/4"
SPP12-38516B	3/8" x 5/16"
SPP12-38B	3/8" x 3/8"
SPP12-3812B	3/8" x 1/2"
SPP12-3858B	3/8" x 5/8"
SPP12-1238B	1/2" x 3/8"
SPP12-12B	1/2" x 1/2"
SPP12-1258B	1/2" x 5/8"
SPP12-1234B	1/2" x 3/4"
SPP12-34B	3/4" x 3/4"
SPP12-34100B	3/4" x 1"



BRASS 45° ELBOW
MPT x HB

No.	MPT x HB
SPP19-1814B	1/8" x 1/4"
SPP19-1838B	1/8" x 3/8"
SPP19-14B	1/4" x 1/4"
SPP19-1438B	1/4" x 3/8"
SPP19-38B	3/8" x 3/8"
SPP19-3812B	3/8" x 1/2"
SPP19-3858B	3/8" x 5/8"



BRASS JOINER
HB x HB

No.	HB x HB
SPP14-18B	1/8" x 1/8"
SPP14-316B	3/16" x 3/16"
SPP14-14B	1/4" x 1/4"
SPP14-516B	5/16" x 5/16"
SPP14-38B	3/8" x 3/8"
SPP14-12B	1/2" x 1/2"
SPP14-58B	5/8" x 5/8"
SPP14-34B	3/4" x 3/4"
SPP14-100B*	1" x 1"
SPP14-112B*	1 1/2" x 1 1/2"
SPP14-200B*	2" x 2"
SPP14-212B*	2 1/2" x 2 1/2"
SPP14-300B*	3" x 3"
SPP14-400B*	4" x 4"

*Union style



BRASS MGHT HOSE BARB
2" Long Hose Barb

No.	MGHT x HB
SPP90.900.019	3/4" x 3/8" x 2"
SPP90.900.047	3/4" x 1/2" x 2"
SPP90.900.048	3/4" x 3/4" x 2"



BRASS HOSE JOINER

FPT Swivel Gasket Seat x HB

No.	FPT x HB
SPP63-18316B	1/8" x 3/16"
SPP63-1814B	1/8" x 1/4"
SPP63-14316B	1/4" x 3/16"
SPP63-14B	1/4" x 1/4"
SPP63-14516B	1/4" x 5/16"
SPP63-1438B	1/4" x 3/8"
SPP63-38B	3/8" x 3/8"
SPP63-1238B	1/2" x 3/8"
SPP63-12B	1/2" x 1/2"



BRASS WORKING SWIVEL COUPLER

Male Pipe Swivel x HB

No.	MPT x HB
SPP64-14B	1/4" x 1/4"
SPP64-1438B	1/4" x 3/8"
SPP64-38B	3/8" x 3/8"
SPP64-3812B	3/8" x 1/2"
SPP64-12B	1/2" x 1/2"
SPP64-34B	3/4" x 3/4"



BRASS BALL SEAT
NPSM Ball End Swivel x HB

No.	FPT x HB
SPP65-14B	1/4" x 1/4"
SPP65-1438B	1/4" x 3/8"
SPP65-38B	3/8" x 3/8"
SPP65-3812B	3/8" x 1/2"
SPP65-34B	3/4" x 3/4"



BRASS HOSE BARB TEE

No.	HB x HB x HB
SPP16-14B	1/4" x 1/4" x 1/4"
SPP16-516B	5/16" x 5/16" x 5/16"
SPP16-38B	3/8" x 3/8" x 3/8"

POLY / NYLON / METAL FITTINGS



**BRONZE
90° ELBOW**

No.	FPT x FPT
SPP100-18	1/8"
SPP8822B	1/4"
SPP8823B	3/8"
SPP8824B	1/2"
SPP8825B	3/4"
SPP8826B	1"
SPP8827B	1 1/4"
SPP8828B	1 1/2"
SPP8829B	2"



**BRONZE
45° ELBOW**

No.	FPT x FPT
SPP8834B	1/8"
SPP8835B	1/4"
SPP8837B	1/2"
SPP8838B	3/4"
SPP8839B	1"
SPP8840B	1 1/4"
SPP8841B	1 1/2"
SPP8842B	2"



**BRONZE
90° STREET
ELBOW**

No.	FPT x MPT
SPP8846B	1/8"
SPP8847B	1/4"
SPP8848B	3/8"
SPP8849B	1/2"
SPP8850B	3/4"
SPP8851B	1"
SPP8852B	1 1/4"
SPP8853B	1 1/2"
SPP8854B	2"



**BRONZE
COUPLING**

No.	FPT x FPT
SPP8857B	1/8"
SPP8858B	1/4"
SPP8859B	3/8"
SPP8860B	1/2"
SPP8861B	3/4"
SPP8862B	1"
SPP8863B	1 1/4"
SPP8864B	1 1/2"
SPP8865B	2"



**BRONZE
FLANGE**

No.	Size
SPP8907B	1/2"
SPP8909B	1"
SPP8910B	1 1/4"
SPP8911B	1 1/2"
SPP8912B	2"



**BRONZE
TEE**

No.	FPT x FPT x FPT
SPP8871B	1/8"
SPP8872B	1/4"
SPP8873B	3/8"
SPP8874B	1/2"
SPP8875B	3/4"
SPP8876B	1"
SPP8877B	1 1/4"
SPP8878B	1 1/2"
SPP8879B	2"



**BRONZE
PLUG**

No.	MPT
SPP8893B	1/8"
SPP8894B	1/4"
SPP8895B	3/8"
SPP8896B	1/2"
SPP8897B	3/4"
SPP8898B	1"
SPP8899B	1 1/4"
SPP8900B	1 1/2"
SPP8901B	2"



**BRONZE
REDUCING
COUPLING**

No.	FPT x FPT	Each
SPP8940B	1/4" x 1/8"	\$8.39
SPP8941B	3/8" x 1/8"	8.39
SPP8942B	3/8" x 1/4"	8.39
SPP8943B	1/2" x 1/4"	9.08
SPP8944B	1/2" x 3/8"	6.90
SPP8945B	3/4" x 1/4"	16.70
SPP8946B	3/4" x 3/8"	12.19
SPP8947B	3/4" x 1/2"	9.27
SPP8949B	1" x 3/8"	17.25
SPP8950B	1" x 1/2"	20.27
SPP8951B	1" x 3/4"	20.27
SPP8952B	1 1/4" x 1/2"	28.41
SPP8953B	1 1/4" x 3/4"	33.97
SPP8954B	1 1/4" x 1"	30.01
SPP8955B	1 1/2" x 1/2"	54.55
SPP8956B	1 1/2" x 3/4"	55.65
SPP8957B	1 1/2" x 1"	38.00
SPP8958B	1 1/2" x 1 1/4"	38.00
SPP8959B1	2" x 1/2"	52.89
SPP8959B2	2" x 3/4"	52.89
SPP8959B3	2" x 1"	62.16
SPP8959B4	2" x 1 1/4"	58.81
SPP8959B5	2" x 1 1/2"	58.81



**BRONZE
LOCK NUTS**

No.	Size
SPP9132B	1/8"
SPP111-14	1/4"
SPP9134B	3/8"
SPP9135B	1/2"
SPP9136B	3/4"
SPP9137B	1"
SPP9138B	1 1/4"
SPP9140B	2"



**BRONZE
UNION**

No.	Size
SPP8883B	1/8"
SPP8884B	1/4"
SPP8885B	3/8"
SPP8886B	1/2"
SPP8887B	3/4"
SPP8888B	1"
SPP8889B	1 1/4"
SPP8890B	1 1/2"
SPP8891B	2"



**BRONZE
CAP**

No.	FPT
SPP8915B	1/8"
SPP8916B	1/4"
SPP8917B	3/8"
SPP8918B	1/2"
SPP8919B	3/4"
SPP8920B	1"
SPP8921B	1 1/4"
SPP8922B	1 1/2"
SPP8923B	2"



**BRONZE REDUCING
BUSHING**

No.	MPT x FPT
SPP8966B	1/4" x 1/8"
SPP8967B	3/8" x 1/8"
SPP8968B	3/8" x 1/4"
SPP8969B	1/2" x 1/8"
SPP8970B	1/2" x 1/4"
SPP8971B	1/2" x 3/8"
SPP110-3418	3/4" x 1/8"
SPP8972B	3/4" x 1/4"
SPP8973B	3/4" x 3/8"
SPP8974B	3/4" x 1/2"
SPP8975B	1" x 1/4"
SPP8976B	1" x 3/8"
SPP8977B	1" x 1/2"
SPP8978B	1" x 3/4"
SPP8980B	1 1/4" x 3/8"
SPP8981B	1 1/4" x 1/2"
SPP8982B	1 1/4" x 3/4"
SPP8983B	1 1/2" x 1"
SPP8985B	1 1/2" x 1/2"
SPP8986B	1 1/2" x 3/4"
SPP8987B	1 1/2" x 1"
SPP8988B	1 1/2" x 1 1/4"
SPP8989B	2" x 1/2"
SPP8990B	2" x 3/4"
SPP8991B	2" x 1"
SPP8992B	2" x 1 1/4"
SPP8993B	2" x 1 1/2"



**BRONZE
FEMALE CROSS**

No.	FPT
SPPF0102-A	1/8"
SPP102F-14	1/4"
SPP9123B	3/8"
SPP9124B	1/2"
SPP9125B	3/4"
SPP9126B	1"
SPP9127B	1 1/4"
SPP9128B	1 1/2"
SPP9129B	2"

POLY / NYLON / METAL FITTINGS

No.	Size
SPP479-005-4	1/8" x 3/4"
SPP479-015-4	1/8" x 1 1/2"
SPP479-020-4	1/8" x 2"
SPP479-025-4	1/8" x 2 1/2"
SPP479-030-4	1/8" x 3"
SPP479-035-4	1/8" x 3 1/2"
SPP479-040-4	1/8" x 4"
SPP479-045-4	1/8" x 4 1/2"
SPP479-050-4	1/8" x 5"
SPP479-055-4	1/8" x 5 1/2"
SPP479-060-4	1/8" x 6"
SPP479-070-4	1/8" x 7"
SPP479-080-4	1/8" x 8"
SPP479-080-4	1/8" x 9"
SPP479-100-3	1/8" x 10"
SPP479-110-4	1/8" x 11"
SPP479-120-4	1/8" x 12"

No.	Size
SPP112-14	1/4" x 7/8"
SPP480-015-4	1/4" x 1 1/2"
SPP480-020-4	1/4" x 2"
SPP480-025-4	1/4" x 2 1/2"
SPP480-030-4	1/4" x 3"
SPP480-035-4	1/4" x 3 1/2"
SPP480-040-4	1/4" x 4"
SPP480-045-4	1/4" x 4 1/2"
SPP480-050-4	1/4" x 5"
SPP480-055-4	1/4" x 5 1/2"
SPP480-060-4	1/4" x 6"
SPP480-080-4	1/4" x 8"
SPP480-090-4	1/4" x 9"
SPP480-100-4	1/4" x 10"
SPP480-110-3	1/4" x 11"
SPP480-120-4	1/4" x 12"

No.	Size
SPP481-005-3	3/8" x 1"
SPP481-015-4	3/8" x 1 1/2"
SPP481-020-4	3/8" x 2"
SPP481-025-4	3/8" x 2 1/2"
SPP481-030-4	3/8" x 3"
SPP481-035-4	3/8" x 3 1/2"
SPP481-040-4	3/8" x 4"
SPP481-045-4	3/8" x 4 1/2"
SPP481-050-4	3/8" x 5"
SPP481-055-4	3/8" x 5 1/2"
SPP481-060-4	3/8" x 6"
SPP481-080-4	3/8" x 8"
SPP481-090-4	3/8" x 9"
SPP481-100-4	3/8" x 10"
SPP481-110-3	3/8" x 11"
SPP481-120-4	3/8" x 12"

No.	Size
SPP482-005-4	1/2" x 1 1/2"
SPP482-015-4	1/2" x 1 1/2"
SPP482-020-4	1/2" x 2"
SPP482-025-4	1/2" x 2 1/2"
SPP482-030-4	1/2" x 3"
SPP482-035-4	1/2" x 3 1/2"
SPP482-040-4	1/2" x 4"
SPP482-045-4	1/2" x 4 1/2"
SPP482-050-4	1/2" x 5"
SPP482-055-4	1/2" x 5 1/2"
SPP482-060-4	1/2" x 6"
SPP482-070-4	1/2" x 7"
SPP482-080-4	1/2" x 8"
SPP482-090-4	1/2" x 9"
SPP482-100-4	1/2" x 10"
SPP482-110-4	1/2" x 11"
SPP482-120-3	1/2" x 12"

No.	Size
SPP483-005-4	3/4" x 1 1/2"
SPP483-015-4	3/4" x 1 1/2"
SPP483-020-4	3/4" x 2"
SPP483-025-4	3/4" x 2 1/2"
SPP483-030-4	3/4" x 3"
SPP483-035-4	3/4" x 3 1/2"
SPP483-040-4	3/4" x 4"
SPP483-045-3	3/4" x 4 1/2"
SPP483-050-4	3/4" x 5"
SPP483-055-3	3/4" x 5 1/2"
SPP483-060-4	3/4" x 6"
SPP483-070-4	3/4" x 7"
SPP483-080-4	3/4" x 8"
SPP483-090-4	3/4" x 9"
SPP483-100-4	3/4" x 10"
SPP483-110-4	3/4" x 11"
SPP483-120-4	3/4" x 12"

No.	Size
SPP484-005-4	1" x 1 1/2"
SPP484-020-4	1" x 2"
SPP484-025-4	1" x 2 1/2"
SPP484-030-4	1" x 3"
SPP484-035-4	1" x 3 1/2"
SPP484-040-4	1" x 4"
SPP484-045-3	1" x 4 1/2"
SPP484-050-4	1" x 5"
SPP484-055-4	1" x 5 1/2"
SPP484-060-4	1" x 6"
SPP484-070-4	1" x 7"
SPP484-080-4	1" x 8"
SPP484-090-4	1" x 9"
SPP484-100-4	1" x 10"
SPP484-110-4	1" x 11"
SPP484-120-3	1" x 12"

No.	Size
SPP485-015-4	1 1/4" x 1 1/2"
SPP485-020-4	1 1/4" x 2"
SPP485-025-4	1 1/4" x 2 1/2"
SPP485-030-4	1 1/4" x 3"
SPP485-035-4	1 1/4" x 3 1/2"
SPP485-040-4	1 1/4" x 4"
SPP485-045-4	1 1/4" x 4 1/2"
SPP485-050-4	1 1/4" x 5"
SPP485-055-4	1 1/4" x 5 1/2"
SPP485-060-4	1 1/4" x 6"
SPP485-070-4	1 1/4" x 7"
SPP485-080-4	1 1/4" x 8"
SPP485-090-4	1 1/4" x 9"
SPP485-100-4	1 1/4" x 10"
SPP485-110-4	1 1/4" x 11"
SPP485-120-4	1 1/4" x 12"

No.	Size
SPP486-015-4	1 1/2" x 1 1/4"
SPP486-020-4	1 1/2" x 2"
SPP486-025-4	1 1/2" x 2 1/2"
SPP486-030-4	1 1/2" x 3"
SPP486-035-4	1 1/2" x 3 1/2"
SPP486-040-4	1 1/2" x 4"
SPP486-045-4	1 1/2" x 4 1/2"
SPP486-050-4	1 1/2" x 5"
SPP486-055-3	1 1/2" x 5 1/2"
SPP486-060-4	1 1/2" x 6"
SPP486-080-4	1 1/2" x 8"
SPP486-090-4	1 1/2" x 9"
SPP486-100-4	1 1/2" x 10"
SPP486-110-4	1 1/2" x 11"
SPP486-120-4	1 1/2" x 12"

No.	Size
SPP487-020-4	2" x 2"
SPP487-025-4	2" x 2 1/2"
SPP487-030-4	2" x 3"
SPP487-035-4	2" x 3 1/2"
SPP487-040-4	2" x 4"
SPP487-045-4	2" x 4 1/2"
SPP487-050-3	2" x 5"
SPP487-055-4	2" x 5 1/2"
SPP487-060-4	2" x 6"
SPP487-070-4	2" x 7"
SPP487-080-4	2" x 8"
SPP487-090-4	2" x 9"
SPP487-100-4	2" x 10"
SPP487-110-4	2" x 11"
SPP487-120-4	2" x 12"

No.	Size
SPP488-025-4	2 1/2" x 2 1/2"
SPP488-030-4	2 1/2" x 3"
SPP488-035-4	2 1/2" x 3 1/2"
SPP488-040-4	2 1/2" x 4"
SPP488-045-4	2 1/2" x 4 1/2"
SPP488-050-4	2 1/2" x 5"
SPP488-055-4	2 1/2" x 5 1/2"
SPP488-060-4	2 1/2" x 6"
SPP488-070-4	2 1/2" x 7"
SPP488-080-4	2 1/2" x 8"
SPP488-090-4	2 1/2" x 9"
SPP488-100-4	2 1/2" x 10"
SPP488-110-4	2 1/2" x 11"
SPP488-120-4	2 1/2" x 12"

No.	Size
SPP489-005-4	3" x 2 1/2"
SPP489-030-4	3" x 3"
SPP489-035-4	3" x 3 1/2"
SPP489-040-4	3" x 4"
SPP489-045-4	3" x 4 1/2"
SPP489-050-4	3" x 5"
SPP489-055-4	3" x 5 1/2"
SPP489-060-4	3" x 6"
SPP489-070-4	3" x 7"
SPP489-080-4	3" x 8"
SPP489-090-4	3" x 9"
SPP489-100-4	3" x 10"
SPP489-110-4	3" x 11"
SPP489-120-4	3" x 12"

No.	Size
SPP490-005-1	4" x 2 1/8"
SPP490-040-4	4" x 4"
SPP490-045-4	4" x 4 1/2"
SPP490-050-4	4" x 5"
SPP490-055-4	4" x 5 1/2"
SPP490-060-4	4" x 6"
SPP490-070-4	4" x 7"
SPP490-080-3	4" x 8"
SPP490-090-4	4" x 9"
SPP490-100-4	4" x 10"
SPP490-110-4	4" x 11"
SPP490-120-4	4" x 12"

POLY / NYLON / METAL FITTINGS



**90° FPT ELBOW
BAR STOCK**

No.	FPT
SPP100-18	1/8"
SPP100-14	1/4"
SPP100-38	3/8"
SPP100-12	1/2"
SPP100-34	3/4"



**90° STREET
ELBOW
BAR STOCK**

No.	MPT x FPT
SPP116-18	1/8"
SPP116-14	1/4"
SPP116-38	3/8"
SPP116-12	1/2"
SPP116-34	3/4"



**90° MPT ELBOW
BAR STOCK**

No.	MPT
SPP130-18	1/8"
SPP130-14	1/4"
SPP130-38	3/8"



**45° FPT ELBOW
BAR STOCK**

No.	FPT
SPP10045-18	1/8"
SPP10045-14	1/4"



**LONG PATTERN
STREET ELBOW
BAR STOCK**

No.	FPT x MPT
SPP116L-18	1/8"
SPP116L-14	1/4"



**LOCKNUT
BAR STOCK**

No.	FPT
SPP111-18	1/8"
SPP111-14	1/4"
SPP111-38	3/8"
SPP111-12	1/2"
SPP111-34	3/4"



**FPT UNION
FORGED**

No.	FPT
SPP104-18	1/8"
SPP104-14	1/4"
SPP104-38	3/8"
SPP104-34	3/4"



**90° FPT ELBOW
FORGED**

No.	FPT
SPP100F-18	1/8"
SPP100F-14	1/4"
SPP100F-38	3/8"
SPP100F-12	1/2"
SPP100F-34	3/4"



**90° STREET ELBOW
FORGED**

No.	FPT x MPT
SPP116F-18	1/8"
SPP116F-14	1/4"
SPP116F-38	3/8"
SPP116F-12	1/2"
SPP116F-34	3/4"



**90° MPT ELBOW
FORGED**

No.	MPT
SPP130F-18	1/8"
SPP130F-14	1/4"
SPP130F-38	3/8"
SPP130F-12	1/2"



**45° STREET
ELBOW
BAR STOCK**

No.	FPT x MPT
SPP124-18	1/8"
SPP124-14	1/4"
SPP124-38	3/8"
SPP124-12	1/2"
SPP124-34	3/4"



**HEX NIPPLE
BAR STOCK**

No.	MPT
SPP122-18	1/8"
SPP122-14	1/4"
SPP122-38	3/8"
SPP122-12	1/2"
SPP122-34	3/4"
SPP122-100	1"



**FPT COUPLING
FORGED**

No.	FPT
SPP103-18	1/8"
SPP103-14	1/4"
SPP103-38	3/8"
SPP103-12	1/2"
SPP103-34	3/4"



**FPT REDUCING
ELBOW
FORGED**

No.	FPT
-	1/4" x 1/8"
SPP100R-3814	3/8" x 1/4"
SPP100R-1238	1/2" x 3/8"



**REDUCING STREET
ELBOW
FORGED**

No.	FPT	MPT
SPP128F-1814	1/8"	1/4"
SPP128F-1418	1/4"	1/8"
SPP128F-1438	1/4"	3/8"
SPP128F-3814	3/8"	1/4"
SPP128F-3812	3/8"	1/2"
SPP128F-1238	1/2"	3/8"



**MPT REDUCING
ELBOW
FORGED**

No.	MPT	MPT
SPP130F-1418	1/4"	1/8"
SPP130F-3814	3/8"	1/4"
SPP130F-1238	1/2"	3/8"



**45° STREET ELBOW
FORGED**

No.	FPT x MPT
SPP124F-18	1/8"
SPP124F-14	1/4"
SPP124F-38	3/8"



**REDUCING
HEX NIPPLE
BAR STOCK**

No.	MPT	MPT
SPP122-1418	1/4"	1/8"
SPP122-3818	3/8"	1/8"
SPP122-3814	3/8"	1/4"
SPP122-1214	1/2"	1/4"
SPP122-1238	1/2"	3/8"
SPP122-3412	3/4"	1/2"



**FPT REDUCING
COUPLING
FORGED**

No.	FPT	FPT
SPP119-1418	1/4"	1/8"
SPP119-3818	3/8"	1/8"
SPP119-3814	3/8"	1/4"
SPP119-1218	1/2"	1/8"
SPP119-1214	1/2"	1/4"
SPP119-1238	1/2"	3/8"
SPP119-3438	3/4"	3/8"



**FPT TEE
BAR STOCK**

No.	FPT
SPP101-18	1/8"
SPP101-14	1/4"
SPP101-38	3/8"
SPP101F-12	1/2"
SPP101-34	3/4"



**COMBINATION TEE
BAR STOCK**

No.	FPT x FPT x MPT
SPP131-14	1/4"
SPP131-38	3/8"



**STREET TEE
BAR STOCK**

No.	FPT x MPT x FPT
SPP127-18	1/8"
SPP127-14	1/4"
SPP127-38	3/8"
SPP127-12	1/2"
SPP127-34	3/8"



**FPT CROSS
BAR STOCK**

No.	FPT
SPP102-18	1/8"
SPP102F-14	1/4"
SPP102-38	3/8"
SPP102-12	1/2"
SPP102-34	3/4"



**ADAPTER
BAR STOCK**

No.	FPT	MPT
SPP120-18	1/8"	1/8"
SPP120-14	1/4"	1/4"
SPP120-38	3/8"	3/8"
SPP120-12B	1/2"	1/2"
SPP120-34	3/4"	3/4"



**SQUARE
HEAD PLUG
FORGED**

No.	MPT
SPP109-18	1/8"
SPP109-14	1/4"
SPP109-38	3/8"
SPP109-12	1/2"



**FPT TEE
FORGED**

No.	FPT
SPP101F-18	1/8"
SPP101F-14	1/4"
SPP101F-38	3/8"
-	1/2"
SPP101F-34	3/4"



**COMBINATION TEE
FORGED**

No.	FPT x FPT x MPT
SPP131F-18	1/18"
SPP131F-14	1/4"
SPP131F-38	3/8"
SPP131F-12	1/2"



**STREET TEE
FORGED**

No.	FPT x MPT x FPT
SPP127F-18	1/8"
SPP127F-14	1/4"
SPP127F-38	3/8"
SPP127F-12	1/2"



**FPT CROSS
FORGED**

No.	FPT
-	1/4"
SPP102F-12	1/2"



**REDUCING
ADAPTER
BAR STOCK**

No.	FPT	MPT
SPP120R-18116	1/8"	1/16"
SPP120R-1418	1/4"	1/8"
SPP120R-3818	3/8"	1/8"
SPP120R-3814	3/8"	1/4"
SPP120R-1214	1/2"	1/4"
SPP120R-1238	1/2"	3/8"
SPP120R-3412	3/4"	1/2"



**SLOTTED
PIPE PLUG
BAR STOCK**

No.	MPT
SPP117-18	1/8"
SPP117-14	1/4"
SPP117-38	3/8"



**FPT REDUCING
TEE
FORGED**

No.	1	2	3
SPP101R-1814	1/8"	1/8"	1/4"
SPP101R-1418	1/4"	1/4"	1/8"
SPP101R-3814	3/8"	3/8"	1/4"
-	1/2"	1/2"	3/8"



**MPT TEE
FORGED**

No.	MPT
SPP132F-18	1/8"
SPP132F-38	3/8"
SPP132F-12	1/2"
SPP132F-34	3/4"



**HEX BUSHING
BAR STOCK**

No.	MPT	FPT
SPP110-1418	1/4"	1/8"
SPP110-3818	3/8"	1/8"
SPP110-3814	3/8"	1/4"
SPP110-1218	1/2"	1/8"
SPP110-1214	1/2"	1/4"
SPP110-1238	1/2"	3/8"
-	3/4"	1/8"
SPP06110-1204	3/4"	1/4"
SPP73651	3/4"	3/8"
SPP110-3412	3/4"	1/2"
SPP110-10014	1"	1/4"
SPP110-10038	1"	3/8"
SPP110-10012	1"	1/2"
SPP110-10034	1"	3/4"



**FACE BUSHING
BAR STOCK**

No.	MPT	FPT
SPP110F-3814	3/8"	1/4"
SPP110F-1238	1/2"	3/8"
SPP110F-3412	3/4"	1/2"



**CAP
BAR STOCK**

No.	FPT
SPP108-18	1/8"
SPP108-14	1/4"
SPP108-38	3/8"
SPP108-12	1/2"
SPP108-34	3/4"



**HEX HEAD
PLUG
BAR STOCK**

No.	MPT
SPP73658	1/8"
SPP121-14	1/4"
SPP121-38	3/8"
SPP121-12B	1/2"
SPP121-34	3/4"
SPP121-100	1"

Countersunk plugs available, add "AL". Ex: 109AL-18


FEMALE FLARE CONNECTOR

No.	Tube Size
SPPB32-14	1/4"
SPPB32-38	3/8"
SPPB32-12	1/2"


ADAPTER

No.	Tube	MPT
SPPB33-1418	1/4"	1/8"
SPPB33-14	1/4"	1/4"
SPPB33-3814	3/8"	1/4"
SPPB33-12	1/2"	1/2"


SWIVEL CONNECTOR

No.	Tube Size
SPPB34-14	1/4"
SPPB34-516	5/16"
SPPB34-38	3/8"
SPPB34-12	1/2"


REDUCING SWIVEL CONNECTOR

No.	Tube x Tube
SPPB34-3814	3/8" x 1/4"
SPPB34-1238	1/2" x 3/8"


SHORT FORGED FLARE NUT

No.	Hex	Tube
SPPB40-316	1/2"	3/16"
SPPB40-14	5/8"	1/4"
SPPB40-516	11/16"	5/16"
SPPB40-38	13/16"	3/8"
SPPB40-12	15/16"	1/2"
SPPB40-58	1 1/16"	5/8"
SPPB40-78	1 5/8"	7/8"


SHORT FORGED REDUCING NUT

No.	Threads x OD Tube
SPPB40-5838	5/8" x 3/8"
SPPB40-5812	5/8" x 1/2"


UNION

No.	Size
SPPB42-316	3/16"
SPPB42-14	1/4"
SPPB42-516	5/16"
SPPB42-38	3/8"
SPPB42-12	1/2"
SPPB42-58	5/8"
SPPB42-78	7/8"


REDUCING UNION

No.	Tube x Tube
SPPB42-14316	1/4" x 3/16"
SPPB42-51614	5/16" x 1/4"
SPPB42-3814	3/8" x 1/4"
SPPB42-1238	1/2" x 3/8"


FEMALE COUPLING

No.	Tube	FPT
SPPB46-31618	3/16"	1/8"
SPPB46-1418	1/4"	1/8"
SPPB46-14	1/4"	1/4"
SPPB46-1438	1/4"	3/8"
SPPB46-1412	1/4"	1/2"
SPPB46-51618	5/16"	1/8"
SPPB46-3814	3/8"	1/4"
SPPB46-38	3/8"	3/8"
SPPB46-3812	3/8"	1/2"
SPPB46-3834	3/8"	3/4"
SPPB46-1238	1/2"	3/8"
SPPB46-12	1/2"	1/2"
SPPB46-1234	1/2"	3/4"
SPPB46-5834	5/8"	3/4"
SPPB46-34	3/4"	3/4"
SPPB46-7834	7/8"	3/4"


COPPER FLARE BONNET

No.	Tube Size
SPPB57-316	3/16"
SPPB57-14	1/4"
SPPB57-516	5/16"
SPPB57-38	3/8"
SPPB57-12	1/2"
SPPB57-58	5/8"
SPPB57-34	3/4"


HALF-UNION

No.	Tube	MPT
SPPB48-18	1/8"	1/8"
SPPB48-31618	3/16"	1/8"
SPPB48-31614	3/16"	1/4"
SPPB48-1418	1/4"	1/8"
SPPB48-14	1/4"	1/4"
SPPB48-1438	1/4"	3/8"
SPPB48-1412	1/4"	1/2"
SPPB48-51618	5/16"	1/8"
SPPB48-51614	5/16"	1/4"
SPPB48-51638	5/16"	3/8"
SPPB48-51612	5/16"	1/2"
SPPB48-3818	3/8"	1/8"
SPPB48-3814	3/8"	1/4"
SPPB48-38	3/8"	3/8"
SPPB48-3812	3/8"	1/2"
SPPB48-3834	3/8"	3/4"
SPPB48-1214	1/2"	1/4"
SPPB48-1238	1/2"	3/8"
SPPB48-12	1/2"	1/2"
SPPB48-1234	1/2"	3/4"
SPPB48-5838	5/8"	3/8"
SPPB48-5812	5/8"	1/2"
SPPB48-5834	5/8"	3/4"
SPPB48-3412	3/4"	1/2"
SPPB48-7812	7/8"	1/2"
SPPB48-7834	7/8"	3/4"
SPPB48-10012	1"	1/2"


CONNECTOR

No.	Tube	Solder OD
SPPB48S-14	1/4"	1/4"
SPPB48S-38	3/8"	3/8"
SPPB48S-12	1/2"	1/2"


CAP

No.	Tube Size
SPPB56-14	1/4"
SPPB56-38	3/8"
SPPB56-12	1/2"
SPPB56-34	3/4"


COPPER FLARE GASKET

No.	Size
SPPB59-516	5/16"
SPPB59-38	3/8"
SPPB59-12	1/2"
SPPB59-58	5/8"



FLARE TEE

No.	Tube
SPPB44-18	1/8"
SPPB44-316	3/16"
SPPB44-14	1/4"
SPPB44-516	5/16"
SPPB44-38	3/8"
SPPB44-12	1/2"
SPPB44-58	5/8"



MPT TEE

No.	Tube x Tube x MPT
SPPB45-121238	1/2" x 1/2" x 3/8"
SPPB45-12	1/2" x 1/2" x 1/2"
SPPB45-585812	5/8" x 5/8" x 1/2"



ELBOW

No.	Tube	MPT
SPPB49-18	1/8"	1/8"
SPPB49-31618	3/16"	1/8"
SPPB49-31614	3/16"	1/4"
SPPB49-1418	1/4"	1/8"
SPPB49-14	1/4"	1/4"
SPPB49-1438	1/4"	3/8"
SPPB49-1412	1/4"	1/2"
SPPB49-51618	5/16"	1/8"
SPPB49-51614	5/16"	1/4"
SPPB49-51638	5/16"	3/8"
SPPB49-3818	3/8"	1/8"
SPPB49-3814	3/8"	1/4"
SPPB49-38	3/8"	3/8"
SPPB49-3812	3/8"	1/2"
SPPB49-3834	3/8"	3/4"
SPPB49-1214	1/2"	1/4"
SPPB49-1238	1/2"	3/8"
SPPB49-12	1/2"	1/2"
SPPB49-1234	1/2"	3/4"
SPPB49-5838	5/8"	3/8"
SPPB49-5812	5/8"	1/2"
SPPB49-5834	5/8"	3/4"
SPPB49-3438	3/4"	3/8"
SPPB49-3412	3/4"	1/2"
SPPB49-34	3/4"	3/4"
SPPB49-34100	3/4"	1"
SPPB49-78100	7/8"	1"



REDUCING TEE

No.	1	2	3
SPPB44-51651614	5/16"	5/16"	1/4"
SPPB44-383814	3/8"	3/8"	1/4"
SPPB44-383812	3/8"	3/8"	1/2"
SPPB44-123838	1/2"	3/8"	3/8"
SPPB44-123812	1/2"	3/8"	1/2"
SPPB44-121238	1/2"	1/2"	3/8"
SPPB44-581212	5/8"	1/2"	1/2"
SPPB44-585838	5/8"	5/8"	3/8"
SPPB44-585812	5/8"	5/8"	1/2"



45° ELBOW

No.	Tube	MPT
SPPB54-1418	1/4"	1/8"
SPPB54-3814	3/8"	1/4"
SPPB54-1238	1/2"	3/8"



ELBOW

No.	Tube	FPT
SPPB50-31618	3/16"	1/8"
SPPB50-1418	1/4"	1/8"
SPPB50-14	1/4"	1/4"
SPPB50-3814	3/8"	1/4"
SPPB50-38	3/8"	3/8"
SPPB50-3812	3/8"	1/2"
SPPB50-3834	3/8"	3/4"
SPPB50-1238	1/2"	3/8"
SPPB50-12	1/2"	1/2"
SPPB50-1234	1/2"	3/4"
SPPB50-3412	3/4"	1/2"
SPPB50-34	3/4"	3/4"
SPPB50-7834	7/8"	3/4"



ELBOW

No.	Tube	Tube
SPPB55-18	1/8"	1/8"
SPPB55-316	3/16"	3/16"
SPPB55-14	1/4"	1/4"
SPPB55-516	5/16"	5/16"
SPPB55-38	3/8"	3/8"
SPPB55-12	1/2"	1/2"
SPPB55-58	5/8"	5/8"
SPPB55-34	3/4"	3/4"
SPPB55-78	7/8"	7/8"

POLY / NYLON / METAL FITTINGS

PSI Ratings : 1/4" - 300 PSI • 3/8" & 1/2" - 200 PSI • 5/8" - 150 PSI



FPT TEE

No.	1	2	3(FPT)
SPPB78P-141418	1/4"	1/4"	1/8"
SPPB78P-5818	5/8"	5/8"	1/8"



MPT TEE

No.	1	2(MPT)	3
SPPB71P-141814	1/4"	1/8"	1/4"
SPPB71P-123812	1/2"	3/8"	1/2"
SPPB71P-12	1/2"	1/2"	1/2"
SPPB71P-581258	5/8"	1/2"	5/8"



REDUCING ELBOW

No.	Tube	Tube
SPPB65P-14	1/4"	1/4"
SPPB65P-3814	3/8"	1/4"
SPPB65P-58	5/8"	5/8"



CONNECTOR

No.	Tube	MPT
SPPB68P-1418	1/4"	1/8"
SPPB68P-14	1/4"	1/4"
SPPB68P-1438	1/4"	3/8"
SPPB68P-1412	1/4"	1/2"
SPPB68P-51614	5/16"	1/4"
SPPB68P-3818	3/8"	1/8"
SPPB68P-3814	3/8"	1/4"
SPPB68P-38	3/8"	3/8"
SPPB68P-3812	3/8"	1/2"
SPPB68P-3834	3/8"	3/4"
SPPB68P-1214	1/2"	1/4"
SPPB68P-1238	1/2"	3/8"
SPPB68P-12	1/2"	1/2"
SPPB68P-1234	1/2"	3/4"
SPPB68P-5838	5/8"	3/8"
SPPB68P-5812	5/8"	1/2"
SPPB68P-5834	5/8"	3/4"



MPT TEE

No.	1	2	3(MPT)
SPPB72P-1418	1/4"	1/4"	1/8"
SPPB72P-14	1/4"	1/4"	1/4"
SPPB72P-51651618	5/16"	5/16"	1/8"
SPPB72P-383818	3/8"	3/8"	1/8"
SPPB72P-383814	3/8"	3/8"	1/4"
SPPB72P-38	3/8"	3/8"	3/8"
SPPB72P-12	1/2"	1/2"	1/2"
SPPB72P-585812	5/8"	5/8"	1/2"



MPT ELBOW

No.	Tube	MPT
SPPB69P-1418	1/4"	1/8"
SPPB69P-14	1/4"	1/4"
-	1/4"	3/8"
SPPB69P-51618	5/16"	1/8"
SPPB69P-51614	5/16"	1/4"
SPPB69P-3818	3/8"	1/8"
SPPB69P-3814	3/8"	1/4"
SPPB69P-38	3/8"	3/8"
SPPB69P-3812	3/8"	1/2"
SPPB69P-1214	1/2"	1/4"
SPPB69P-1238	1/2"	3/8"
SPPB69P-5838	5/8"	3/8"
SPPB69P-5812	5/8"	1/2"
SPPB69P-5834	5/8"	3/4"



FPT COUPLING

No.	Tube	FPT
SPPB66P-1418	1/4"	1/8"
SPPB66P-14	1/4"	1/4"
-	1/4"	3/8"
SPPB66P-51614	5/16"	1/4"
B66P-51638	5/16"	3/8"
B66P-3818	3/8"	1/8"
SPPB66P-3814	3/8"	1/4"
SPPB66P-38	3/8"	3/8"
SPPB66P-3812	3/8"	1/2"
SPPB66P-1214	1/2"	1/4"
SPPB66P-12	1/2"	1/2"
SPPB66P-5838	5/8"	3/8"
SPPB66P-5812	5/8"	1/2"
SPPB66P-5834	5/8"	3/4"



TEE

No.	1	2	3
SPPB64P-14	1/4"	1/4"	1/4"
SPPB64P-3814	3/8"	3/8"	1/4"
SPPB64P-38	3/8"	3/8"	3/8"
SPPB64P-12	1/2"	1/2"	1/2"
SPPB64P-58	5/8"	5/8"	5/8"



FPT ELBOW

No.	Tube	FPT
SPPB70P-1418	1/4"	1/8"
SPPB70P-1412	1/4"	1/2"
SPPB70P-51618	5/16"	1/8"
SPPB70P-3818	3/8"	1/8"
SPPB70P-1234	1/2"	3/4"



45° MPT ELBOW

No.	Tube	MPT
SPPB6945P-1418	1/4"	1/8"
SPPB6945P-14	1/4"	1/4"
SPPB6945P-51618	5/16"	1/8"
SPPB6945P-3814	3/8"	1/4"
SPPB6945P-38	3/8"	3/8"



UNION

No.	Tube
SPPB62P-14	1/4" x 1/4"
SPPB62P-516	5/16" x 5/16"
SPPB62P-38	3/8" x 3/8"
SPPB62P-12	1/2" x 1/2"
SPPB62P-5838	5/8" x 3/8"
SPPB62P-58	5/8" x 5/8"



SLEEVE

For Metal Tubing

No.	Tube
SPPB60-18	1/8"
SPPB60-532	5/32"
SPPB60-316	3/16"
SPPB60-14	1/4"
SPPB60-516	5/16"
SPPB60-38	3/8"
SPPB60-716	7/16"
SPPB60-12	1/2"
SPPB60-58	5/8"
SPPB60-34	3/4"
SPPB60-78	7/8"



DELTRIN SLEEVE

Used to convert to plastic tubing

No.	Tube Size
SPPB60P-14	1/4"
SPPB60P-516	5/16"
SPPB60P-38	3/8"
SPPB60P-12	1/2"
SPPB60P-58	5/8"



NUT

No.	Tube
SPPB61-18	1/8"
SPPB61-532	5/32"
SPPB61-316	3/16"
SPPB61-14	1/4"
SPPB61-516	5/16"
SPPB61-38	3/8"
SPPB61-716	7/16"
SPPB61-12	1/2"
SPPB61-58	5/8"
SPPB61-34	3/4"
SPPB61-100	1"



CAP

No.	Tube
SPPB61CX-14	1/4"
SPPB61CX-38	3/8"
SPPB61CX-12	1/2"
SPPB61CX-58	5/8"



BRASS INSERT

Used to resist collapsing of plastic tubing

No.	Hose OD	Hose ID
SPPB61P-18	1/8"	.08
SPPB61P-316	3/16"	.095
SPPB61P-14	1/4"	.17
SPPB61P-516	5/16"	.187
SPPB61P-38	3/8"	.25
SPPB61P-12	1/2"	.375
SPPB61P-58	5/8"	.50
SPPB61P-34	3/4"	-



COMPRESSION PLUG

No.	Tube
SPPBCP-14	1/4"
SPPBCP-38	3/8"

BRASS COMPRESSION FITTINGS FOR METAL TUBING



MPT TEE

No.	1	2	3(MPT)
SPPB71-141814	1/4"	1/8"	1/4"
SPPB71-381438	3/8"	1/4"	3/8"



MPT TEE

No.	1	2	3(MPT)
SPPB72-18	1/8"	1/8"	1/8"
SPPB72-31631618	3/16"	3/16"	1/8"
SPPB72-141418	1/4"	1/4"	1/8"
SPPB72-51651614	5/16"	5/16"	1/4"
SPPB72-383814	3/8"	3/8"	1/4"
SPPB72-38	3/8"	3/8"	3/8"
SPPB72-12	1/2"	1/2"	1/2"
SPPB72-585812	5/8"	5/8"	1/2"
SPPB72-343412	3/4"	3/4"	1/2"
SPPB72-34	3/4"	3/4"	3/4"



TEE

Compression Three Ends

No.	1	2	3
SPPB64-383814	3/8"	3/8"	1/4"
SPPB64-121214	1/2"	1/2"	1/4"
SPPB64-18	1/8"	1/8"	1/8"
SPPB64-316	3/16"	3/16"	3/16"
SPPB64-532	5/32"	5/32"	5/32"
SPPB64-14	1/4"	1/4"	1/4"
SPPB64-516	5/16"	5/16"	5/16"
SPPB64-38	3/8"	3/8"	3/8"
SPPB64-12	1/2"	1/2"	1/2"
SPPB64-58	5/8"	5/8"	5/8"
SPPB64-34	3/4"	3/4"	3/4"



COMBINATION TEE

No.	1	2(FPT)	3(MPT)
SPPB76-1818316	1/8"	1/8"	3/16"
SPPB76-181814	1/8"	1/8"	1/4"



FPT TEE

No.	1	2	3(FPT)
SPPB78-14	1/4"	1/4"	1/4"



COMBINATION TEE

No.	1	2(FPT)	3(MPT)
SPPB75-1418	1/4"	1/8"	1/8"



BULKHEAD UNION with Locknut

No.	Tube
SPPB62BH-14	1/4"
SPPB62BH-516	5/16"
SPPB62BH-38	3/8"
SPPB62BH-12	1/2"



MPT ELBOW

No.	Tube	MPT
SPPB69-18	1/8"	1/8"
SPPB69-53218	5/32"	1/8"
SPPB69-31618	3/16"	1/8"
SPPB69-31614	3/16"	1/4"
SPPB69-1418	1/4"	1/8"
SPPB69-14	1/4"	1/4"
SPPB69-1412	1/4"	1/2"
SPPB69-51618	5/16"	1/8"
SPPB69-51614	5/16"	1/4"
SPPB69-51612	5/16"	1/2"
SPPB69-3818	3/8"	1/8"
SPPB69-3814	3/8"	1/4"
SPPB69-38	3/8"	3/8"
SPPB69-3812	3/8"	1/2"
SPPB69-1214	1/2"	1/4"
SPPB69-1238	1/2"	3/8"
SPPB69-12	1/2"	1/2"
SPPB69-5838	5/8"	3/8"
SPPB69-5812	5/8"	1/2"
SPPB69-5834	5/8"	3/4"
SPPB69-3412	3/4"	1/2"



FPT ELBOW

No.	Tube	FPT
SPPB70-1438	1/4"	3/8"
SPPB70-51614	5/16"	1/4"
SPPB70-3818	3/8"	1/8"
SPPB70-3814	3/8"	1/4"
SPPB70-3834	3/8"	3/4"
SPPB70-1214	1/2"	1/4"
SPPB70-1238	1/2"	3/8"
SPPB70-12	1/2"	1/2"



ELBOW

No.	Tube
SPPB65-14	1/4"
SPPB65-316	3/16"
SPPB65-516	5/16"
SPPB65-38	3/8"
SPPB65-716	7/16"
SPPB65-12	1/2"
SPPB65-58	5/8"



TANK UNION

(Drilled Through)

No.	Tube
SPPB62T-38	3/8"



MPT TANK CONNECTOR

(Drilled Through)

No.	Tube	MPT
SPPBT68-31618	3/16"	1/8"
SPPBT68-31614	3/16"	1/4"
SPPBT68-1418	1/4"	1/8"
SPPBT68-14	1/4"	1/4"
SPPBT68-1438	1/4"	3/8"
SPPBT68-51614	5/16"	1/4"
SPPBT68-3814	3/8"	1/4"
SPPBT68-38	3/8"	3/8"
SPPBT68-12	1/2"	1/2"
SPPBT68-5812	5/8"	1/2"
SPPBT68-34	3/4"	3/4"



UNION

No.	Tube	Tube
SPPB62-18	1/8"	1/8"
SPPB62-532	5/32"	5/32"
SPPB62-316	3/16"	3/16"
SPPB62-1418	1/4"	1/8"
SPPB62-14316	1/4"	3/16"
SPPB62-14	1/4"	1/4"
SPPB62-516	5/16"	5/16"
SPPB62-3814	3/8"	1/4"
SPPB62-38	3/8"	3/8"
SPPB62-1238	1/2"	3/8"
SPPB62-12	1/2"	1/2"
SPPB62-5838	5/8"	3/8"
SPPB62-58	5/8"	5/8"
SPPB62-34	3/4"	3/4"
SPPB62-78	7/8"	7/8"



45° MPT ELBOW

No.	Tube	MPT
SPPB6945-31618	3/16"	1/8"
SPPB6945-14	1/4"	1/4"



ELBOW

Compression x
Sweat Adapter

No.	Size
SPPB69S	3/8" x 5/8"
	1/2" Nom. Sweat



ADAPTER

Compression x
Sweat Adapter

No.	Size
SPPB66S	3/8" x 5/8"
	1/2" Nom. Sweat



FPT COUPLING

No.	Tube	FPT
SPPB66-18	1/8"	1/8"
SPPB66-53218	5/32"	1/8"
SPPB66-31618	3/16"	1/8"
SPPB66-1418	1/4"	1/8"
SPPB66-14	1/4"	1/4"
SPPB66-51618	5/16"	1/8"
SPPB66-3818	3/8"	1/8"
SPPB66-3814	3/8"	1/4"
SPPB66-38	3/8"	3/8"
SPPB66-3812	3/8"	1/2"
SPPB66-1238	1/2"	3/8"
SPPB66-12	1/2"	1/2"
SPPB66-5812	5/8"	1/2"
SPPB66-7834	7/8"	3/4"



MPT CONNECTOR

No.	Tube	MPT
SPPB68-18116	1/8"	1/16"
SPPB68-18	1/8"	1/8"
SPPB68-53218	5/32"	1/8"
SPPB68-31618	3/16"	1/8"
SPPB68-31614	3/16"	1/4"
SPPB68-1418	1/4"	1/8"
SPPB68-14	1/4"	1/4"
SPPB68-1438	1/4"	3/8"
SPPB68-1412	1/4"	1/2"
SPPB68-51618	5/16"	1/8"
SPPB68-51614	5/16"	1/4"
SPPB68-51638	5/16"	3/8"
SPPB68-51612	5/16"	1/2"
SPPB68-3818	3/8"	1/8"
SPPB68-3814	3/8"	1/4"
SPPB68-38	3/8"	3/8"
SPPB68-3812	3/8"	1/2"
SPPB68-3834	3/8"	3/4"
SPPB68-71638	7/16"	3/8"
SPPB68-1214	1/2"	1/4"
SPPB68-1238	1/2"	3/8"
SPPB68-12	1/2"	1/2"
SPPB68-5838	5/8"	3/8"
SPPB68-5812	5/8"	1/2"
SPPB68-5834	5/8"	3/4"
SPPB68-3412	3/4"	1/2"
SPPB68-34	3/4"	3/4"
SPPB68-7834	7/8"	3/4"

The PI Range of Inch-Size Fittings

The PI Range of inch-size push-in fittings is offered for tube sizes 5/32" O.D. to 5/8" O.D. The fittings are manufactured in gray acetal copolymer with food grade nitrile o-rings, making them especially suitable for applications involving foodstuff and potable liquids. They are equally suitable for air and inert gasses and can therefore be used on CO₂ lines, pneumatic applications and vacuum.

Temp.	Pressure	
	5/32" - 5/16"	3/8" - 1/2"
Air		
-4°F (20°C)	230 PSI	150 PSI
Potable Liquids & Air		
+33°F (1°C)	230 PSI	150 PSI
+73°F (23°C)	230 PSI	150 PSI
+158°F (70°C)	150 PSI	150 PSI



MALE CONNECTOR

No.	Tube OD x MPT
SPPJG10-53218	5/32" x 1/8"
SPPJG10-53214	5/32" x 1/4"
SPPJG10-31618	3/16" x 1/8"
SPPJG10-1418	1/4" x 1/8"
SPPJG10-14	1/4" x 1/4"
SPPJG10-1438	1/4" x 3/8"
SPPJG10-51618	5/16" x 1/8"
SPPJG10-51614	5/16" x 1/4"
SPPJG10-51638	5/16" x 3/8"
SPPJG10-3818	3/8" x 1/8"
SPPJG10-3814	3/8" x 1/4"
SPPJG10-38	3/8" x 3/8"
SPPJG10-3812	3/8" x 1/2"
SPPJG10-1238	1/2" x 3/8"
SPPJG10-12	1/2" x 1/2"
SPPJG10-5834	5/8" x 3/4"



FEMALE CONNECTOR

No.	Tube OD x FPT
SPPJG44-14	1/4" x 1/4"
SPPJG44-3814	3/8" x 1/4"



UNION CONNECTOR

No.	Tube OD
SPPJG14-532	5/32"
SPPJG14-316	3/16"
SPPJG14-14	1/4"
SPPJG14-516	5/16"
SPPJG14-38	3/8"
SPPJG14-12	1/2"



REDUCING UNION

No.	Tube OD x Tube OD
SPPJG14-14316	1/4" x 3/16"
SPPJG14-516532	5/16" x 5/32"
SPPJG14-516316	5/16" x 3/16"
SPPJG14-51614	5/16" x 1/4"
SPPJG14-38316	3/8" x 3/16"
SPPJG14-3814	3/8" x 1/4"
SPPJG14-38516	3/8" x 5/16"
SPPJG14-12516	1/2" x 5/16"
SPPJG14-1238	1/2" x 3/8"



UNION ELBOW

No.	Tube OD
SPPJG15-532	5/32"
SPPJG15-316	3/16"
SPPJG15-14	1/4"
SPPJG15-516	5/16"
SPPJG15-38	3/8"
SPPJG15-12	1/2"



REDUCING ELBOW

No.	Tube OD x Tube OD
SPPJG15-516532	5/16" x 5/32"
SPPJG15-516316	5/16" x 3/16"
SPPJG15-51614	5/16" x 1/4"
SPPJG15-38316	3/8" x 3/16"
SPPJG15-3814	3/8" x 1/4"
SPPJG15-38516	3/8" x 5/16"
SPPJG15-12516	1/2" x 5/16"
SPPJG15-1238	1/2" x 3/8"



SWIVEL ELBOW

No.	Stem x MPT
SPPJG24-53218	5/32" x 1/8"
SPPJG24-53214	5/32" x 1/4"
SPPJG24-31618	3/16" x 1/8"
SPPJG24-1418	1/4" x 1/8"
SPPJG24-14	1/4" x 1/4"
SPPJG24-51618	5/16" x 1/8"
SPPJG24-51614	5/16" x 1/4"
SPPJG24-51638	5/16" x 3/8"
SPPJG24-3818	3/8" x 1/8"
SPPJG24-3814	3/8" x 1/4"
SPPJG24-38	3/8" x 3/8"
SPPJG24-1214	1/2" x 1/4"
SPPJG24-1238	1/2" x 3/8"
SPPJG24-12	1/2" x 1/2"



FIXED ELBOW

No.	Tube OD x MPT
SPPJG29-1418	1/4" x 1/8"
SPPJG29-14	1/4" x 1/4"
SPPJG29-1438	1/4" x 3/8"
SPPJG29-51614	5/16" x 1/4"
SPPJG29-51638	5/16" x 3/8"
SPPJG29-3814	3/8" x 1/4"
SPPJG29-38	3/8" x 3/8"
SPPJG29-5812	5/8" x 1/2"



UNION TEE

No.	Tube OD
SPPJG16-532	5/32"
SPPJG16-316	3/16"
SPPJG16-14	1/4"
SPPJG16-516	5/16"
SPPJG16-38	3/8"
SPPJG16-12	1/2"



REDUCING TEE

No.	Tube OD x Tube OD Branch
SPPJG30-3814	3/8" x 1/4"
SPPJG30-1238	1/2" x 3/8"



SWIVEL BRANCH TEE

No.	Tube OD x MPT
SPPJG17-53218	5/32" x 1/8"
SPPJG17-53214	5/32" x 1/4"
SPPJG17-31618	3/16" x 1/8"
SPPJG17-1418	1/4" x 1/8"
SPPJG17-14	1/4" x 1/4"
SPPJG17-51618	5/16" x 1/8"
SPPJG17-51614	5/16" x 1/4"
SPPJG17-51638	5/16" x 3/8"
SPPJG17-3814	3/8" x 1/4"
SPPJG17-38	3/8" x 3/8"
SPPJG17-1238	1/2" x 3/8"
SPPJG17-12	1/2" x 1/2"



SWIVEL TEE MALE RUN

No.	Tube OD x MPT
SPPJG18-53218	5/32" x 1/8"
SPPJG18-53214	5/32" x 1/4"
SPPJG18-31618	3/16" x 1/8"
SPPJG18-1418	1/4" x 1/8"
SPPJG18-14	1/4" x 1/4"
SPPJG18-51618	5/16" x 1/8"
SPPJG18-51614	5/16" x 1/4"
SPPJG18-51638	5/16" x 3/8"
SPPJG18-3814	3/8" x 1/4"
SPPJG18-38	3/8" x 3/8"
SPPJG18-1238	1/2" x 3/8"
SPPJG18-12	1/2" x 1/2"



**PLUG IN
ELBOW**

No.	Tube OD x Stem OD
SPPJG13-532	5/32" x 5/32"
SPPJG13-316	3/16" x 3/16"
SPPJG13-14	1/4" x 1/4"
SPPJG13-516	5/16" x 5/16"
SPPJG13-38316	3/8" x 3/16"
SPPJG13-3814	3/8" x 1/4"
SPPJG13-38516	3/8" x 5/16"
SPPJG13-38	3/8" x 3/8"
SPPJG13-12	1/2" x 1/2"



**TWO-WAY
DIVIDER**

No.	Tube OD
SPPJG20-14	1/4"
SPPJG20-516	5/16"
SPPJG20-38	3/8"
SPPJG20-12	1/2"



**UNEQUAL
TWO-WAY
DIVIDER**

No.	Tube OD	
	Inlet	Outlet
SPPJG20-38516	3/8"	5/16"



U-BEND
FOR USE IN
CONFINED SPACES

No.	Tube OD
SPPJG21-38	3/8"
SPPJG21-12	1/2"



**OFF-SET
CONNECTOR**

No.	Tube OD
SPPJG25-12516	1/2" x 5/16"



**THREE WAY
DIVIDER**

No.	Tube OD	
	Inlet	Outlet
SPPJG26-38	3/8"	3/8"
SPPJG26-1238	1/2"	3/8"
SPPJG26-12	1/2"	1/2"



**BULKHEAD
UNION**

No.	Tube OD x Mounting Hole
SPPJG62-532	5/32" x 0.67"
SPPJG62-316	3/16" x 0.67"
SPPJG62-14	1/4" x 0.67"
SPPJG62-516	5/16" x 0.83"
SPPJG62-38	3/8" x 0.83"
SPPJG62-12	1/2" x 1.06"



**REDUCING
BULKHEAD
UNION**

No.	Tube OD x Mounting Hole
SPPJG68-1214	1/2 - 1/4 x 0.83"
SPPJG68-3814	3/8 - 1/4 x 0.83"



CROSS

No.	Tube OD
SPPJG28-38	3/8"



REDUCER

No.	Stem x Tube
SPPJG36-316532	3/16" x 5/32"
SPPJG36-516316	5/16" x 3/16"
SPPJG36-51614	5/16" x 1/4"
SPPJG36-38316	3/8" x 3/16"
SPPJG36-3814	3/8" x 1/4"
SPPJG36-38516	3/8" x 5/16"
SPPJG36-12516	1/2" x 5/16"
SPPJG36-1238	1/2" x 3/8"



ENLARGER

No.	Stem x Tube OD
SPPJG36-51638	5/16" x 3/8"



**STEM
ADAPTER**

No.	Stem x MPT
SPPJG34-53218	5/32" x 1/8"
SPPJG34-53214	5/32" x 1/4"
SPPJG34-31618	3/16" x 1/8"
SPPJG34-1418	1/4" x 1/8"
SPPJG34-14	1/4" x 1/4"
SPPJG34-1438	1/4" x 3/8"
SPPJG34-51618	5/16" x 1/8"
SPPJG34-51614	5/16" x 1/4"
SPPJG34-51638	5/16" x 3/8"
SPPJG34-3814	3/8" x 1/4"
SPPJG34-38	3/8" x 3/8"
SPPJG34-1238	1/2" x 3/8"
SPPJG34-12	1/2" x 1/2"



**TUBE TO
HOSE BARB
LONG VERSION**

No.	Stem OD x Hose ID
SPPJG19-51638L	5/16" x 3/8"
SPPJG19-38L	3/8" x 3/8"



**TUBE TO
HOSE ELBOW**

No.	Stem OD x Hose ID
SPPJG22-14	1/4" x 1/4"
SPPJG22-14516	1/4" x 5/16"
SPPJG22-51614	5/16" x 1/4"
SPPJG22-516	5/16" x 5/16"
SPPJG22-3814	3/8" x 1/4"
SPPJG22-38516	3/8" x 5/16"



**TUBE TO
HOSE BARB**

No.	Stem OD x Hose ID
SPPJG19-14316	1/4" x 3/16"
SPPJG19-14	1/4" x 1/4"
SPPJG19-14516	1/4" x 5/16"
SPPJG19-516316	5/16" x 3/16"
SPPJG19-51614	5/16" x 1/4"
SPPJG19-516	5/16" x 5/16"
SPPJG19-51638	5/16" x 3/8"
SPPJG19-3814	3/8" x 1/4"
SPPJG19-38516	3/8" x 5/16"
SPPJG19-38	3/8" x 3/8"
SPPJG19-3812	3/8" x 1/2"
SPPJG19-1238	1/2" x 3/8"
SPPJG19-12	1/2" x 1/2"



PLUG

No.	Tube OD
SPPJG31-532	5/32"
SPPJG31-316	3/16"
SPPJG31-14	1/4"
SPPJG31-516	5/16"
SPPJG31-38	3/8"
SPPJG31-12	1/2"



**END
CAP**

No.	Tube OD
SPPJG32-14	1/4"
SPPJG32-38	3/8"

POLY / NYLON / METAL FITTINGS



ACETAL VALVE

No.	Tube x Tube
SPPJG49-38	3/8" x 3/8"
SPPJG49-12	1/2" x 1/2"



ACETAL VALVE SHORT HANDLE

No.	Tube OD
SPPJG50-38	3/8"



FAUCET CONNECTOR

No.	Tube OD x Compression
SPPJG11-14716	1/4" x 1/4"
SPPJG11-516716	5/16" x 1/4"
SPPJG11-38716	3/8" x 1/4"



FEMALE FLARE CONNECTOR

No.	Tube OD x Thread FFL
SPPJG43-51614	5/16" x 1/4"
SPPJG43-3814	3/8" x 1/4"
SPPJG43-38	3/8" x 3/8"

1/4 (FFL) corresponds to a 7/16-20 UNF
3/8 (FFL) corresponds to a 5/8-18 UNF



MALE FLARE CONNECTOR

No.	Tube OD x MFL
SPPJG46-14	1/4" x 1/4"
SPPJG46-516	5/16" x 5/16"
SPPJG46-3814	3/8" x 1/4"
SPPJG46-38516	3/8" x 5/16"
SPPJG46-38	3/8" x 3/8"
SPPJG46-3812	3/8" x 1/2"
SPPJG46-12	1/2" x 1/2"
SPPJG46-5161216	5/16" x 1/2 - 16
SPPJG46-381216	3/8" x 1/2 - 16

1/4" (MFL) corresponds to a 7/16-20 UNF
5/16" (MFL) corresponds to a 1/2-20 UNF
3/8" (MFL) corresponds to a 5/8-18 UNF
1/2" (MFL) corresponds to a 3/4-16 UNF



DISPENSING VALVE STEM

No.	Stem OD
SPPJG23-38	3/8"



DISPENSING VALVE

No.	Tube OD x Stem
SPPJG27-38	3/8" x 3/8"



STEM TO STEM ADAPTER

No.	Stem OD	Stem OD
SPPJGMI19-153/8	15MM	3/8"



TUBE TO HOSE STEM

No.	Stem OD	Hose OD
SPPJGMI19-1512	15MM	1/2"



STEM TO TUBE ADAPTER

No.	Stem OD	Tube OD
SPPJGMI36-1538	15MM	3/8"
SPPJGMI36-1215	1/2"	15MM
SPPJGMI36-1218	1/2"	18MM



BARB CONNECTOR

No.	Hose OD	Hose ID
SPPJGMI44-1512	15MM	1/2"



CHECK VALVES

Super Speedfit single check valves allow flow in one direction.
For Liquids Only

No.	Tube OD
SPPJG65-14	1/4"
SPPJG65-516	5/16"
SPPJG65-38	3/8"



FEMALE CONNECTOR UNS THREAD

No.	Tube OD x Thread UN
SPPJG43-5161216	5/16" x 1/2 - 16
SPPJG43-381216	3/8" x 1/2 - 16
SPPJG43-121216	1/2" x 1/2 - 16



TEE ADAPTER

No.	Tube OD	Tube OD
SPPJGMI16-1538	15MM	3/8"



STRAIGHT CONNECTOR

No.	Tube OD
SPPJGM-462	15mm x 1/2"

The PP Range of Polypropylene Fittings

The PP Range of inch-size push-in fittings is offered for tube sizes 1/4" O.D. and 3/8" O.D. The fittings are manufactured in white polypropylene with food grade EPDM o-rings. They have been developed to satisfy the compatibility needs for a wide range of applications. Can not be used with compressed air applications, or with inert gases.

Working Pressures and Temperatures

Water: Max. 150 psi at 70° (Max. 10 Bar at 20°C)
 Max. 60 psi at 140° (Max. 4 Bar at 60°C)
 Min. 33°F / 1°C



MALE CONNECTOR

No.	Tube OD x MPT
SPPJG10-1418P	1/4" x 1/8"
SPPJG10-14P	1/4" x 1/4"
SPPJG10-1438P	1/4" x 3/8"
SPPJG10-3814P	3/8" x 1/4"
SPPJG10-38P	3/8" x 3/8"
SPPJG10-3812P	3/8" x 1/2"
SPPJG10-1238P	1/2" x 3/8"
SPPJG10-12P	1/2" x 1/2"



BRASS FEMALE CONNECTOR

No.	Tube OD x FPT
SPPJG44-1418P	1/4" x 1/8"
SPPJG44-14P	1/4" x 1/4"
SPPJG44-3814P	3/8" x 1/4"
SPPJG44-38P	3/8" x 3/8"



UNION CONNECTOR

No.	Tube OD
SPPJG14-14P	1/4"
SPPJG14-516P	5/16"
SPPJG14-38P	3/8"
SPPJG14-12P	1/2"



REDUCING UNION

No.	Tube OD
SPPJG68-3814P	3/8" x 1/4"
SPPJG68-1238P	1/2" x 3/8"



UNION ELBOW

No.	Tube OD
SPPJG15-14P	1/4"
SPPJG15-516P	5/16"
SPPJG15-38P	3/8"
SPPJG15-12P	1/2"



REDUCING ELBOW

No.	Stem OD
SPPJG15-51614P	5/16" x 1/4"
SPPJG15-3814P	3/8" x 1/4"
SPPJG15-1238P	1/2" x 3/8"



SWIVEL ELBOW

No.	Tube OD x MPT
SPPJG24-1418P	1/4" x 1/8"
SPPJG24-14P	1/4" x 1/4"
SPPJG24-3814P	3/8" x 1/4"
SPPJG24-38P	3/8" x 3/8"



ELBOW

No.	Tube OD x MPT
SPPJG12-1418P	1/4" x 1/8"
SPPJG12-14P	1/4" x 1/4"
SPPJG12-1438P	1/4" x 3/8"
SPPJG12-3814P	3/8" x 1/4"
SPPJG12-38P	3/8" x 3/8"
SPPJG12-1238P	1/2" x 3/8"



PLUG IN ELBOW

No.	Tube OD x Stem OD
SPPJG13-14P	1/4" x 1/4"
SPPJG13-516P	5/16" x 5/16"
SPPJG13-3814P	3/8" x 1/4"
SPPJG13-38P	3/8" x 3/8"
SPPJG13-12P	1/2" x 1/2"



UNION TEE

No.	Tube OD
SPPJG16-14P	1/4"
SPPJG16-516P	5/16"
SPPJG16-38P	3/8"
SPPJG16-12P	1/2"



REDUCING TEE

No.	Tube OD x Tube OD
SPPJG30-141438P	1/4" x 1/4" x 3/8"
SPPJG30-381438P	3/8" x 1/4" x 3/8"
SPPJG30-1238P	1/2" x 1/2" x 3/8"
SPPJG30-3814P	3/8" x 3/8" 1/4"



SWIVEL BRANCH TEE

No.	Tube OD x MPT
SPPJG17-1418P	1/4" x 1/8"
SPPJG17-14P	1/4" x 1/4"
SPPJG17-3814P	3/8" x 1/4"
SPPJG17-38P	3/8" x 3/8"



FIXED BRANCH TEE

No.	Stem OD
SPPJG35-38P	3/8"



SWIVEL MALE RUN TEE

No.	Tube OD x MPT
SPPJG18-1418P	1/4" x 1/8"
SPPJG18-14P	1/4" x 1/4"
SPPJG18-3814P	3/8" x 1/4"
SPPJG18-38P	3/8" x 3/8"



STACKABLE TEE

No.	Stem OD
SPPJG38-38P	3/8"


TWO-WAY DIVIDER

No.	Stem OD
SPPJG20-38P	3/8"


UNEQUAL TWO-WAY DIVIDER

No.	Stem OD
SPPJG20-3814P	3/8" x 1/4"


BULKHEAD UNION

No.	Tube OD
SPPJG62-14P	1/4"
SPPJG62-38P	3/8"
SPPJG62-12P	1/2"


REDUCING BULKHEAD UNION

No.	Stem OD
SPPJG62-3814P	3/8" x 1/4"


REDUCER

No.	Stem OD x Tube OD
SPPJG36-3814P	3/8" x 1/4"
SPPJG36-1238P	1/2" x 3/8"
SPPJG36-38516P	3/8" x 5/16"
SPPJG36-5814P	5/8" x 1/4"
SPPJG36-5838P	5/8" x 3/8"
SPPJG36-5812P	5/8" x 1/2"


STEM ADAPTER

No.	Stem OD x MPT
SPPJG34-1418P	1/4" x 1/8"
SPPJG34-14P	1/4" x 1/4"
SPPJG34-3814P	3/8" x 1/4"
SPPJG34-38P	3/8" x 3/8"
SPPJG34-1238P	1/2" x 3/8"
SPPJG34-12P	1/2" x 1/2"


TUBE TO HOSE BARB

No.	Stem OD x Hose ID
SPPJG19-38P	3/8" x 3/8"
SPPJG19-3812P	3/8" x 1/2"
SPPJG19-1238P	1/2" x 3/8"
SPPJG19-12P	1/2" x 1/2"


PLUG

No.	Stem OD
SPPJG31-14P	1/4"
SPPJG31-516P	5/16"
SPPJG31-38P	3/8"
SPPJG31-12P	1/2"


END CAP

No.	Stem OD
SPPJG32-14P	1/4"


FAUCET CONNECTOR

No.	Tube OD x Compression
SPPJG11-38P	3/8" x 7/16 - 24"
SPPJG11-14P	1/4" x 7/16 - 24"


BRASS FEMALE GARDEN HOSE CONNECTOR

No.	Tube OD x FGHT
-	3/8" x 3/4"
SPPJG70-14B	1/4" x 3/4"


BRASS FEMALE FLARE CONNECTOR

No.	Tube OD x Flare
SPPJG43-14B	1/4" x 1/4"
SPPJG43-3814B	3/8" x 1/4"
SPPJG43-38B	3/8" x 3/8"


COLLET LOCKING & RELEASE TOOL

No.	Sizes
SPPJGLRT-2	Keychain - 3/16", 1/4", 5/16", 3/8", 1/2"
SPPJGLRT-3	1/4" & 3/8"


POLY VALVE

No.	Tube x Tube
SPPJG47-14	1/4" x 1/4"
SPPJG47-38	3/8" x 3/8"


90° POLY VALVE

No.	Tube x FPT
SPPJG48-14	1/4" x 1/4"
SPPJG48-3814	3/8" x 1/4"


ANGLE STOP ADAPTER VALVES

No.	M Comp x F Comp x Tube
SPPJG51-38	3/8" x 3/8" x 3/8"
SPPJG51-3814	3/8" x 3/8" x 1/4"


SPEEDFIT TO MALE THREAD

No.	Tube OD x MPT
SPPJG52-14	1/4" x 1/4"
SPPJG52-38	3/8" x 3/8"


SPEEDFIT TO FEMALE THREAD

No.	Tube OD x FPT
SPPJG53-38	3/8" x 3/8"


PUSH-IN FITTINGS O-RING

No.	Description
SPPJGON-316	3/16" Nitrile
SPPJGOE-14	1/4" EPDM
SPPJGON-14	1/4" Nitrile
SPPJGOE-38	3/8" EPDM
SPPJGON-38	3/8" Nitrile
SPPJGON-12	1/2" Nitrile


MOUNTING CLIP

No.	Description
SPPJG-06MC	1/4" Valves
SPPJG-10MC	3/8" Valves

- ProLock fittings incorporate the innovative and patented Twist & Lock feature that provides a secondary locking feature for added security and confidence
- No special tools required
- Approved for use with Copper, PEX or CPVC (Cannot be used on PVC or galvanized pipe)

- Available in sizes 3/8" to 1" CTS (Copper Tube Size)
- Suitable for hot and cold water plumbing applications
- EPDM O-rings
- Max PSI : 160 PSI @ 73°F ; 100psi @ 180°F ; 80psi @ 200°F



UNION TEE

No.	CTS
SPPPSEI0216E	3/8"
SPPPSEI0220E	1/2"
SPPPSEI0228E	3/4"
SPPPSEI0236E	1"



REDUCER

No.	Stem x CTS
SPPPSEI062016E	1/2" x 3/8"
SPPPSEI062820E	3/4" x 1/2"
SPPPSEI063628E	1" x 3/4"



END CAP

No.	CTS
SPPPSEI4616E	3/8"
SPPPSEI4620E	1/2"
SPPPSEI4628E	3/4"
SPPPSEI4636E	1"



UNION ELBOW

No.	CTS
SPPPSEI0316E	3/8"
SPPPSEI0320E	1/2"
SPPPSEI0328E	3/4"
SPPPSEI0336E	1"



REDUCING COUPLER

No.	CTS
SPPPSEI202016E	1/2" x 3/8"
SPPPSEI202820E	3/4" x 1/2"
SPPPSEI203628E	1" x 3/4"



MALE FIXED ELBOW

No.	CTS x MPT
SPPPSEI482024E	1/2" x 1/2"



COUPLER

No.	CTS
SPPPSEI0416E	3/8"
SPPPSEI0420E	1/2"
SPPPSEI0428E	3/4"
SPPPSEI0436E	1"



PLUG-IN ELBOW

No.	Stem x CTS
SPPPSEI222020E	1/2" x 1/2"
SPPPSEI222828E	3/4" x 3/4"
SPPPSEI223636E	1" x 1"



FEMALE STEM ADAPTER

No.	Stem x NPS
SPPPSEI502034E	1/2" x 1/2"



MALE STEM ADAPTER

No.	Stem x MPT
SPPPSEI052826E	3/4" x 3/4"
SPPPSEI053628E	1" x 1"



REDUCING ELBOW

No.	CTS
SPPPSEI212016E	1/2" x 3/8"
SPPPSEI212820E	3/4" x 1/2"
SPPPSEI213628E	1" x 3/4"



REDUCING TEE

No.	CTS
SPPPSEI3016AE	1/2" x 1/2" x 3/8"
SPPPSEI3028AE	3/4" x 3/4" x 1/2"
SPPPSEI3028BE	3/4" x 1/2" x 1/2"
SPPPSEI3028CE	1/2" x 1/2" x 3/4"
SPPPSEI3028DE	3/4" x 1/2" x 3/4"
SPPPSEI3036AE	1" x 1" x 3/4"



STACKABLE TEE

No.	CTS
SPPPSEI532020E	1/2" x 1/2" x 1/2"
SPPPSEI532820E	3/4" x 3/4" x 1/2"
SPPPSEI532828E	3/4" x 3/4" x 3/4"
SPPPSEI533628E	1" x 1" x 3/4"



MALE CONNECTOR

No.	CTS x MPT
SPPPSEI011624E	3/8" x 1/2"
SPPPSEI012024E	1/2" x 1/2"
SPPPSEI012026E	1/2" x 3/4"
SPPPSEI012824E	3/4" x 1/2"
SPPPSEI012826E	3/4" x 3/4"
SPPPSEI012828E	3/4" x 1"
SPPPSEI013626E	1" x 3/4"
SPPPSEI013628E	1" x 1"



SHUT-OFF VALVE

No.	CTS
SPPPSEISV20EP	1/2"
SPPPSEISV28EP	3/4"



BRASS FEMALE CONNECTOR

No.	CTS x NPS
SPPPSEI601634E	3/8" x 1/2"
SPPPSEI602034E	1/2" x 1/2"
SPPPSEI602036E	1/2" x 3/4"
SPPPSEI602834E	3/4" x 1/2"
SPPPSEI602836E	3/4" x 3/4"
SPPPSEI603638E	1" x 1"



FEMALE ELBOW CONNECTOR

No.	CTS x FPT
SPPPSEI632836E-L	3/4" x 3/4"
SPPPSEI632838E-L	3/4" x 1"
SPPPSEI63283AE-L	3/4" x 1 1/4"
SPPPSEI63363AE-L	1" x 1 1/4"



FLEXI HOSE

No.	Description
SPPPSFC20N3618E	1/2" CTS x 3/4" NPS
SPPPSFC28C2818E	3/4" CTS x 3/4" NPS
SPPPSFC28N3618E	3/4" CTS x 3/4" CTS



BRASS FEMALE ELBOW CONNECTOR

No.	CTS x NPS
SPPPSEI612034E	1/2" x 1/2"
SPPPSEI612836E	3/4" x 3/4"



FEMALE CONNECTOR

No.	CTS x NPS
SPPPSEI622036E-L	1/2" x 3/4"
SPPPSEI622836E-L	3/4" x 3/4"
SPPPSEI622838E-L	3/4" x 1"
SPPPSEI623638E-L	1" x 1"
SPPPSEI62363AE-L	1" x 1 1/4"

POLY / NYLON / METAL FITTINGS



- Connects copper, cpvc, and pex pipe in any combination
- Fast installation, no soldering, crimping or solvent welding necessary
- Can be rotated after assembly for easy installation in tight spaces
- Ideal for use on plumbing, water heaters, and hydronic heating systems
- Brass body, EPDM o-ring, 304 stainless steel gripper ring
- Full fluid flow (without stiffener inserts)
- Integral tube liner for pex installations
- Max. 200 PSI
- Max. Temp. 200°F (93°C)



FULL PORT BALL VALVES

No.	Size
SPP082PF-05	1/2"
SPP082PF-07	3/4"
SPP082PF-10	1"



DISCONNECT TOOL

No.	Size
-	1/2"
-	3/4"
-	1"



STIFFENERS

No.	Size
SPPBPF-S05	1/2"
SPPBPF-S07	3/4"
SPPBPF-S10	1"



COUPLINGS

No.	Size
SPPBPF-C03	3/8"
SPPBPF-C0503	1/2" x 3/8"
SPPBPF-C05	1/2"
SPPBPF-C07	3/4"
SPPBPF-C0705	3/4" x 1/2"
SPPBPF-C10	1"
SPPBPF-C1007	1" x 3/4"



ELBOWS

No.	Size
SPPBPF-E03	3/8"
SPPBPF-E05	1/2"
SPPBPF-E07	3/4"
SPPBPF-E0705	3/4" x 1/2"
SPPBPF-E10	1"



TEST CAPS

No.	Size
SPPBPF-CA05	1/2"
SPPBPF-CA07	3/4"
SPPBPF-CA10	1"



ADAPTERS

No.	Size
(CTS x FPT)	
SPPBPF-FA03	3/8"
SPPBPF-FA05	1/2"
SPPBPF-FA0507	1/2" x 3/4"
SPPBPF-FA07	3/4"
SPPBPF-FA10	1"
(CTS x MPT)	
SPPBPF-MA03	3/8"
SPPBPF-MA05	1/2"
SPPBPF-MA0507	1/2" x 3/4"
SPPBPF-MA07	3/4"
SPPBPF-MA10	1"



MPT ELBOWS

No.	PF x MPT
SPPBPF-ME05	1/2"
SPPBPF-ME07	3/4"



FPT ELBOWS

No.	PF x FPT
SPPBPF-FE05	1/2"
SPPBPF-FE07	3/4"



SUPPLY VALVES

No.	PF x CPR
Angle	
SPP08SVA-05PF02CP	1/2" PF x 1/4" CPR
SPP08SVA-05PF	1/2" PF x 3/8" CPR
Straight	
SPP08SVS-05PF	1/2" PF x 3/8" CPR
Tee	
SPP08SVT-05PF02CP	1/2" (2) PF x 1/4" CPR
SPP08SVT-05PF	1/2" (2) PF x 3/8" CPR



POLY CONVERSION COUPLINGS

No.	PF x POLY-B
SPPBPF-PBC05	1/2"
SPPBPF-PBC07	3/4"



TEES

No.	Size
SPPBPF-T03	3/8"
SPPBPF-T05	1/2"
SPPBPF-T07	3/4"
SPPBPF-T070505	3/4" x 1/2" x 1/2"
SPPBPF-T070507	3/4" x 1/2" x 3/4"
SPPBPF-T070705	3/4" x 3/4" x 1/2"
SPPBPF-T10	1"
SPPBPF-T101007	1" x 1" x 3/4"



BALL VALVE WITH DRAIN

No.	Size
SPP082PF-05WD	1/2"
SPP082PF-07WD	3/4"
SPP082PF-10WD	1"



18" CONNECTOR

No.	PF x FPT
SPPBPF-WC05-18	1/2" x 1/2"



12" FLEXIBLE REPAIR COUPLING

No.	PF
SPPBPF-FRC05	1/2"
SPPBPF-FRC07	3/4"



MPT ADAPTERS

No.	Pex x MPT
SPPLF-PEX-125-10D	1/2"
SPPLF-PEX-125-10E	1/2" x 3/4"
SPPLF-PEX-125-14E	3/4"
SPPLF-PEX-125-14D	3/4" x 1/2"
Poly	
SPP710P-MA05	1/2"
SPP710P-MA0507	1/2" x 3/4"
SPP710P-MA0705	3/4" x 1/2"
SPP710P-MA07	3/4"
SPP710P-MA10	1"



SWEAT ADAPTERS

No.	Male
SPPLF-PEX-125SW-10	1/2"
SPPLF-PEX-125SW-14	3/4"
Female	
SPPLF-PEX-126SW-10	1/2"
SPPLF-PEX-126SW-14	3/4"



FPT ADAPTERS

No.	Pex x FPT
SPPLF-PEX-126-10D	1/2"
SPPLF-PEX-126-14E	3/4"
Poly	
SPPEXPL-126-10D	1/2"
SPPEXPL-126-18H	1"



BRASS FPT SWIVEL ADAPTERS
Pex x FPT

No.	Size
SPPLF-PEX-126SPN-10D	1/2"
SPPPEX-126SPN-14E	3/4"



BRASS FPT SWIVEL ELBOWS
Pex x FPT

No.	Size
SPPLF-PEX-139FSPN-10D	1/2"
SPPLF-PEX-139FSPN-14E	3/4"



COUPLINGS
Pex x Pex

No.	Size
SPPLF-PEX-129-10	1/2"
SPPLF-PEX-129-14	3/4"
SPPLF-PEX-129-1410	3/4" x 1/2"
Poly	
SPP710P-C05	1/2"
SPP710P-C07	3/4"
SPP710P-C0705	3/4" x 1/2"
SPP710P-C10	1"
SPP710P-C1007	1" x 3/4"



90° ELBOWS
Pex x Pex

No.	Size
SPPLF-PEX-99HB-10	1/2"
SPPLF-PEX-99HB-14	3/4"
Poly	
SPPPEXPL-99HB-8	3/8"
SPP710P-E05	1/2"
SPP710P-E07	3/4"
SPP710P-E0705	3/4" x 1/2"
SPP710P-E10	1"



POLY MPT ELBOWS
Pex x MPT

No.	Size
SPP710P-ME05	1/2"
SPP710P-ME07	3/4"



BRASS FPT FLANGED ELBOWS
Pex x FPT

No.	Size
SPPLF-PEX-S139F-10D	1/2"
SPPLF-PEX-S139F-14E	3/4"



PEX PLUGS

No.	Pex
SPPLF-PEX-121HB-10	1/2"
SPPLF-PEX-121HB-14	3/4"
Poly	
SPPPEXPL-121HB-8	3/8"
SPP710P-P05	1/2"
SPP710P-P07	3/4"
SPP710P-P10	1"



TEES

No.	Pex
SPPLF-PEX-123-10	1/2"
SPPLF-PEX-123-14	3/4"
Poly	
SPPPEXPL-123-8	3/8"
SPP710P-T05	1/2"
SPP710P-T07	3/4"
SPP710P-T10	1"



REDUCING TEES

No.	1	2	3
SPPLF-PEX-123-1014	1/2"	1/2"	3/4"
SPPLF-PEX-123-1410	3/4"	3/4"	1/2"
SPPLF-PEX-123-141010	3/4"	1/2"	1/2"
SPPLF-PEX-123-141014	3/4"	1/2"	3/4"
Poly			
SPP710P-T050507	1/2"	1/2"	3/4"
SPP710P-T070705	3/4"	3/4"	1/2"
SPP710P-T070505	3/4"	1/2"	1/2"
SPP710P-T070507	3/4"	1/2"	3/4"
SPP710P-T070710	3/4"	3/4"	1"
SPP710P-T101005	1"	1"	1/2"



FORGED BRASS BALL VALVE

- Blow-out proof stem
- 400 WOG

No.	Size
SPPBVPEX2129-10	1/2"
SPPBVPEX2129-14	3/4"
With Drain	
SPP0821WDP-05	1/2"
SPP0821WDP-07	3/4"



SUPPLY VALVES

1/2" Cold Exp. Pex x 3/8" Comp.

No.	Type
SPP08SVA-05CEPNL	Angle
SPP08SVS-05CEPNL	Straight



WATER SUPPLY VALVE

1/2" Pex x 3/8" Comp.

No.	Type
SPPWSPEX68-106	Straight
SPPWSPEX69-106	Elbow



BEND SUPPORT

No.	Size
SPPPEX-BS-10	1/2"
SPPPEX-BS-14	3/4"



J-CLAMP (With Nail)

No.	Size
SPPPEX-JC-10	1/2"
SPPPEX-JC-14	3/4"



STAINLESS STEEL STEPLESS CLAMP

No.	Size
SPPHCPEX-10	1/2"
SPPHCPEX-14	3/4"



COPPER CRIMP RING

No.	Size
SPP720P-CR05	1/2"
SPP720P-CR07	3/4"

CRIMP TOOL KIT



- 14" Hand crimp tool kit for crimping black copper rings on 3/8", 1/2", 5/8" and 3/4" pex.
- Kit includes replaceable jaws for all sizes and Go-No-Go gauge.

Part No. SPPHCPEX-RTC-KIT

PEX FITTING FIELD KIT



STAINLESS STEEL CLAMP STYLE

Part No. SPPPEX-KIT-HC

CRIMP RING REMOVING CUTTER



Part No. SPPHCPEX-CRC

TUBE & PEX PIPE CUTTER to 1"



Part No. SPP1518

PEX ANGLE CRIMP TOOL



No.	Size
SPPHCPEX-RTAC-10	1/2"
SPPHCPEX-RTAC-14	3/4"

OETIKER CLAMP TOOL



Part No. SPPHCPEX-RT

CLAMP TOOL



Part No. SPPHCPEX-RTE

CEMENTS, PRIMERS & CLEANERS

PVC CEMENT

- For use on all grades & types of PVC and fittings up to 6".
- Recommended for gas, conduit, drain, waste & vent pipe.



MEDIUM CLEAR

No.	Size
SPP5990C	118ml (4oz)
SPP5991C	236ml (8oz)
SPP5992C	473ml (16oz)
SPP5993C	946ml (32oz)



MEDIUM GREY

No.	Size
SPP5990G	118ml (4oz)
SPP5991G	236ml (8oz)
SPP5992G	473ml (16oz)
SPP5993G	946ml (32oz)



**RAIN-R-SHINE®
MEDIUM GREY**

- Fast setting cement for wet conditions (pools/irrigation), pressurization or quick installations

No.	Size
SPP5990R	118ml (4oz)
SPP5991R	236ml (8oz)
SPP5992R	473ml (16oz)
SPP5993R	946ml (32oz)

CPVC CEMENT



MEDIUM CLEAR

No.	Size
SPP5990CP	118ml (4oz)
SPP5991CP	236ml (8oz)
SPP5992CP	473ml (16oz)

ABS CEMENT



MEDIUM YELLOW

No.	Size
SPP5990A	118ml (4oz)
SPP5991A	236ml (8oz)
SPP5992A	473ml (16oz)
SPP5993A	946ml (32oz)

TRANSITION CEMENT



PVC to ABS WHITE

- Used for joining PVC to ABS on non-pressure transition joints.

No.	Size
SPP5990T	118ml (4oz)
SPP5991T	236ml (8oz)
SPP5992T	473ml (16oz)

PRIMERS & CLEANERS

- All purpose primers for PVC and CPVC pipe and fittings, all schedules and diameters.
- Removes surface dirt, grease and grime as well as softens pipe in preparation for cement.



CLEAR PRIMER

No.	Size
SPP5995P	118ml (4oz)
SPP5996P	236ml (8oz)
SPP5997P	473ml (16oz)
SPP5998P	946ml (32oz)



PURPLE PRIMER
Less aggressive than clear primer.

No.	Size
SPP5995PP	118ml (4oz)
SPP5996PP	236ml (8oz)
SPP5997PP	473ml (16oz)
SPP5998PP	946ml (32oz)



CLEAR CLEANER
For ABS, PVC, CPVC all schedules and diameters.

No.	Size
SPP5995C	118ml (4oz)
SPP5996C	236ml (8oz)
SPP5997C	473ml (16oz)
SPP5998C	946ml (32oz)

GRAY MAGIC INDUSTRIAL GRADE PIPE THREAD COMPOUND



- Slow drying, soft settling, non-hardening
- Specially formulated for production line usage
- Grit free, lead free
- Low odor, non-toxic
- Will not harden in can
- Temp. range: -50°F to 400°F (-45°C to 204°C)
- Works on all type of metal
- Also for ABS, PVC, CPVC, Poly and nylon plastic pipe fittings

No.	Size
SPPTS-GM08	236ml (8oz)
SPPTS-GM16	473ml (16oz)

KWIK HOSE CUTTERS



No.	Description
SPP1527	Spring, cuts up to 1"
SPP1528	Spring, cuts up to 1½"
SPP1529	Spring, cuts up to 2"
SPP1518	Cuts up to 1"
SPP1517	Cuts up to 1½"
SPP1516	Cuts up to 2"
SPP1515	Leather pouch

No.	Replacement Blades
SPP1519SS	Stainless steel 1"
SPP1520SS	Stainless steel 1½"
SPP1523	Stainless steel 2"
SPP1519	PTFE 1"
SPP1520	PTFE 1½"

JOINT COMPOUNDS



GREY COMPOUND

- For use on water, steam or air lines.
- Not for use on plastic threads.

No.	Size
SPP5957M	1 oz. tube
SPP5959M	236ml (8oz) can
SPP5960M	473ml (16oz) can
SPP5961M	946ml (32oz) can



WHITE COMPOUND WITH TEFLON

- For use with water, steam and caustics
- Gases: 3000 PSI, -50°F to 400°F
- Liquids: 10000 PSI, -50°F to 500°F

No.	Size
SPP5957T	1 oz. tube
SPP5958T	118ml (4oz) can
SPP5959T	236ml (8oz) can
SPP5961T	946ml (32oz) can



BLUE COMPOUND

- For use with water, natural gas, steam, air lines, caustics, and dilute acids on PVC, CPVC, ABS, poly, iron, steel or copper up to and including 2"
- Gases: 3000 PSI, -50°F to 400°F
- Liquids: 10000 PSI, -50°F to 500°F

No.	Size
SPP5957B	1 oz. tube
SPP5958B	118 ml (4oz) can
SPP5959B	236ml (8oz) can
SPP5960B	473ml (16oz) can

SUPPLY LINES

STAINLESS STEEL TOILET SUPPLY LINES

- 3/8" Compression x 7/8" Toilet Connection



No.	Length
SPP94TT-6	6"
SPP94TT-9	9"
SPP94TT-12	12"
SPP94TT-16	16"
SPP94TT-20	20"

STAINLESS STEEL DISHWASHER LINES

- 3/8" Compression x 3/8" Male Pipe Elbow Connection



No.	Length
SPP95DW-48	48"
SPP95DW-60	60"
SPP95DW-72	72"

STAINLESS STEEL FAUCET SUPPLY LINES

- 3/8" Compression x 1/2" Female Thread Faucet Connection



No.	Length
SPP93LT-12	12"
SPP93LT-16	16"
SPP93LT-20	20"
SPP93LT-30	30"

STAINLESS STEEL WASHING MACHINE LINES

- 3/4" Female Hose x 3/4" Female Hose Connection



No.	Length
SPP96WM-48	48"
SPP96WM-60	60"
SPP96WM-72	72"

STAINLESS STEEL FEMALE CONNECTOR LINE

- 1/2" Female Thread x 1/2" Female Thread Connection



No.	Length
SPP98FSL-12	12"
SPP98FSL-20	20"

PLUMBING ACCESSORIES



HERCULES HAND TOWELS

- Pre-moistened
- Formulated to remove plastic pipe cement

No.	Size
SPP453339	Tub of 70



ALL PURPOSE LEAK DETECTOR

No.	Size
SPP5984L	8 oz. with dauber
-	16 oz. with trigger



180 OPEN MESH CLOTH

No.	Size
SPP5987-5	1 1/2" x 15 feet

EPOXY PUTTY



- Multi-purpose sealing, patching and mending compound.
- May be drilled, tapped, filed, sanded and painted when hard.

No.	Size
SPP5956	118 ml (4 oz)

HAND CLEANER



Safely removes cements, varnish, enamels, grease and adhesives.

No.	Size
SPP6002	473 ml (16 oz)

PLUMBERS PUTTY



Stainless fixture setting compound for setting frames, faucets, strainer baskets, etc.

No.	Size
SPP5974	414 ml (14 oz)

TEFLON TAPE



STANDARD

- For use with water, most chemicals, oxygen, gas, hydraulic and high pressure lines

Part No. SPP10TT03



PLUMBERS

- Higher density than standard

Part No. SPP12TT03



GAS LINE

- For use with gas, natural gas, propane and butane lines
- Full density; heaviest tape available

Part No. SPP11TT03



OXYGEN

- For oxygen lines; will not support combustion

Part No. SPP5962GR



STAINLESS

- For use on all stainless steel fittings
- Prevents galling, seizing & corrosion

Part No. SPP5962SS



HIGH DENSITY

- No pigments or additives
- Perfect where non-contamination standards are high

Part No. SPP5962W

ELECTRICAL TAPE



STANDARD

- Temp.range: -10°C to 80°C

No.	Size
SPPETAW	7 MIL x 3/4" x 60'



COLD & SUN RESISTANT

- Temp. range: -18°C to 80°C
- Resists ultraviolet rays and moisture

No.	Size
SPPETCW	8 MIL x 3/4" x 60'



RUBBER SPLICING TAPE

- Conformable, self-fusing insulating tape

No.	Size
SPPETSBR	30 MIL x 3/4" x 22'



ALL WEATHER PIPE WRAP

- Provides excellent insulating capacities
- Resists/reduces corrosion

No.	Size
SPPPW2-10	10 MIL x 2" x 100'

PVC / CPVC FITTINGS



TEE
(Soc)



No.	Soc x Soc x Soc
SPP401-005	1/2"
SPP401-007	3/4"
SPP401-010	1"
SPP401-012	1 1/4"
SPP401-015	1 1/2"
SPP401-020	2"
SPP401-025	2 1/2"
SPP401-030	3"
SPP401-040	4"
SPP401-050	5"
SPP401-060	6"
SPP401-080	8"



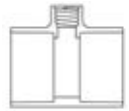
REDUCING TEE
(Soc)



No.	Soc x Soc x Soc
SPP401-250	2" x 2" x 1 1/4"
SPP401-251	2" x 2" x 1 1/2"
SPP401-289	2 1/2" x 2 1/2" x 1"
SPP401-290	2 1/2" x 2 1/2" x 1 1/4"
SPP401-291	2 1/2" x 2 1/2" x 1 1/2"
SPP401-292	2 1/2" x 2 1/2" x 2"
SPP401-334	3" x 3" x 3/4"
SPP401-337	3" x 3" x 1 1/2"
SPP401-338	3" x 3" x 2"
SPP401-342	3" x 3" x 4"
SPP401-417	4" x 4" x 1"
SPP401-418	4" x 4" x 1 1/4"
SPP401-420	4" x 4" x 2"
SPP401-422	4" x 4" x 3"
SPP401-486	5" x 5" x 2"
SPP401-488	5" x 5" x 3"
SPP401-490	5" x 5" x 4"
SPP401-532	6" x 6" x 4"



FPT COMBO REDUCING TEE



No.	Soc x Soc x FPT
SPP402-158	1 1/4" x 1" x 1"
SPP402-166	1 1/4" x 1 1/2" x 1/2"
SPP402-167	1 1/4" x 1 1/2" x 3/4"
SPP402-209	1 1/2" x 1 1/2" x 1/2"
SPP402-210	1 1/2" x 1 1/2" x 3/4"
SPP402-211	1 1/2" x 1 1/2" x 1"
SPP402-239	2" x 1 1/2" x 1"
SPP402-247	2" x 2" x 1/2"
SPP402-248	2" x 2" x 3/4"
SPP402-249	2" x 2" x 1"
SPP402-251	2" x 2" x 1 1/2"
SPP402-289	2 1/2" x 2 1/2" x 1"
SPP402-333	3" x 3" x 1/2"
SPP402-334	3" x 3" x 3/4"
SPP402-335	3" x 3" x 1"
SPP402-490	5" x 5" x 4"
SPP402-580	8" x 8" x 3"
SPP402-582	8" x 8" x 4"



REDUCING TEE
(Soc)

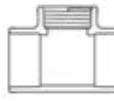


• D - Deep Socket 1/2" Branch Only

No.	Soc x Soc x Soc
SPP401-074	1/2" x 1/2" x 3/4"
SPP401-101	3/4" x 3/4" x 1/2"
SPPD401-101	3/4" x 3/4" x 1/2"
SPP401-102	3/4" x 3/4" x 1"
SPP401-122	1" x 1/2" x 1"
SPP401-125	1" x 3/4" x 3/4"
SPP401-130	1" x 1" x 1/2"
SPPD401-130	1" x 1" x 1/2"
SPP401-131	1" x 1" x 3/4"
SPP401-132	1" x 1" x 1 1/4"
SPP401-133	1" x 1" x 1 1/2"
SPP401-134	1" x 1" x 2"
SPP401-158	1 1/4" x 1" x 1"
SPP401-166	1 1/4" x 1 1/4" x 1/2"
SPPD401-166	1 1/4" x 1 1/4" x 1/2"
SPP401-167	1 1/4" x 1 1/4" x 3/4"
SPP401-168	1 1/4" x 1 1/4" x 1"
SPP401-169	1 1/4" x 1 1/4" x 1 1/2"
SPP401-170	1 1/4" x 1 1/4" x 2"
SPP401-209	1 1/2" x 1 1/2" x 1/2"
SPPD401-209	1 1/2" x 1 1/2" x 1/2"
SPP401-210	1 1/2" x 1 1/2" x 3/4"
SPP401-211	1 1/2" x 1 1/2" x 1"
SPP401-212	1 1/2" x 1 1/2" x 1 1/4"
SPP401-213	1 1/2" x 1 1/2" x 2"
SPP401-241	2" x 1 1/2" x 1 1/2"
SPP401-247	2" x 2" x 1/2"
SPPD401-247	2" x 2" x 1/2"
SPP401-248	2" x 2" x 3/4"
SPP401-249	2" x 2" x 1"



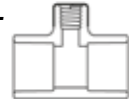
FPT COMBO TEE



No.	Soc x Soc x FPT
SPP402-005	1/2"
SPP402-007	3/4"
SPP402-010	1"
SPP402-012	1 1/4"
SPP402-015	1 1/2"
SPP402-020	2"
SPP402-030	3"



STAINLESS STEEL REINFORCED FPT TEE



No.	Soc x Soc x SRFPT
SPP402-005SR	1/2" x 1/2" x 1/2"
SPP402-072SR	1/2" x 1/2" x 1/4"
SPP402-098SR	3/4" x 3/4" x 1/4"
SPP402-101SR	3/4" x 3/4" x 1/2"



FPT COMBO REDUCING TEE



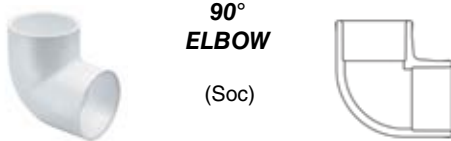
No.	Soc x Soc x FPT
SPP402-071	1/2" x 1/2" x 1/8"
SPP402-072	1/2" x 1/2" x 1/4"
SPP402-074	1/2" x 1/2" x 3/4"
SPP402-094	3/4" x 1/2" x 1/2"
SPP402-095	3/4" x 1/2" x 3/4"
SPP402-101	3/4" x 3/4" x 1/2"
SPP402-130	1" x 1" x 1/2"
SPP402-131	1" x 1" x 3/4"



FPT TEE

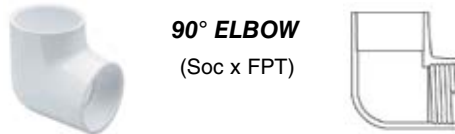


No.	FPT x FPT x FPT
SPP405-005	1/2"
SPP405-007	3/4"
SPP405-010	1"
SPP405-012	1 1/4"
SPP405-015	1 1/2"
405-020SPP	2"



90° ELBOW
(Soc)

No.	Soc x Soc
SPP406-003	3/8"
SPP406-005	1/2"
SPP406-007	3/4"
SPP406-010	1"
SPP406-012	1 1/4"
SPP406-015	1 1/2"
SPP406-020	2"
SPP406-025	2 1/2"
SPP406-030	3"
SPP406-040	4"
SPP406-060	6"



90° ELBOW
(Soc x FPT)

No.	Soc x FPT
SPP407-005	1/2"
SPP407-007	3/4"
SPP407-010	1"
SPP407-012	1 1/4"
SPP407-015	1 1/2"
SPP407-020	2"
SPP407-025	2 1/2"
SPP407-030	3"
SPP407-040	4"



90° STREET ELBOW
(SPIG x Soc)

No.	Spig x Soc
SPP409-005	1/2"
SPP409-007	3/4"
SPP409-010	1"
SPP409-012	1 1/4"
SPP409-015	1 1/2"
SPP409-020	2"



SWEEP 90° ELBOW
(Soc)

No.	Soc x Soc
SPP406-010S	1" x 1"
SPP406-012S	1 1/4" x 1 1/4"
SPP406-015S	1 1/2" x 1 1/2"
SPP406-020S	2" x 2"



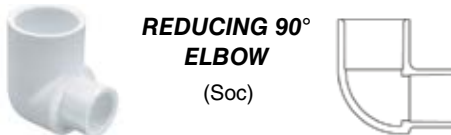
STAINLESS STEEL REINFORCED 90° ELBOW
(Soc x SRFPT)

No.	Soc x SRFPT
SPP407-005SR	1/2" x 1/2"



90° STREET ELBOW
(Soc x MPT)

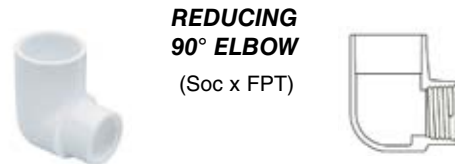
No.	Soc x MPT
SPP410-005	1/2" x 1/2"
SPP410-101	1/2" x 3/4"
SPP410-007	3/4" x 3/4"
SPP410-010	1" x 1"
SPP410-012	1 1/4" x 1 1/4"
SPP410-015	1 1/2" x 1 1/2"
SPP410-020	2" x 2"



REDUCING 90° ELBOW
(Soc)

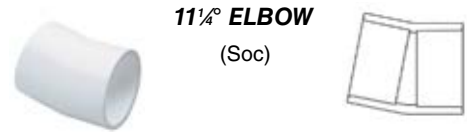
• D - Deep Socket 1/2" Branch Only

No.	Soc x Soc
SPP406-101	3/4" x 1/2"
SPPD406-101	3/4" x 1/2"
SPPD406-130	1" x 1/2"
SPP406-131	1" x 3/4"
SPPD406-166	1 1/4" x 1/2"
SPP406-167	1 1/4" x 3/4"
SPP406-168	1 1/4" x 1"
SPP406-209	1 1/2" x 1/2"
SPP406-211	1 1/2" x 1"
SPP406-249	2" x 1"
SPP406-250	2" x 1 1/4"



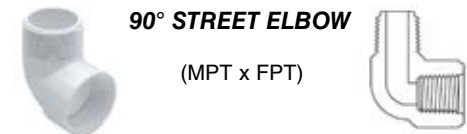
REDUCING 90° ELBOW
(Soc x FPT)

No.	Soc x FPT
SPP407-074	1/2" x 3/4"
SPP407-101	3/4" x 1/2"
SPP407-131	1" x 3/4"
SPP407-168	1 1/4" x 1"
SPP407-212	1 1/2" x 1 1/4"
SPP407-250	2" x 1 1/4"
SPP407-251	2" x 1 1/2"



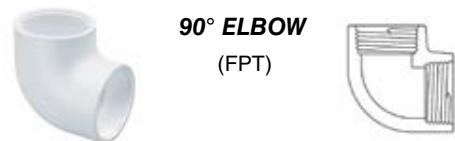
11 1/4° ELBOW
(Soc)

No.	Soc x Soc
SPP411-020	2"
SPP411-030	3"
SPP411-040	4"



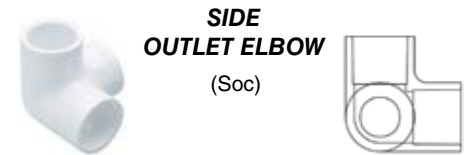
90° STREET ELBOW
(MPT x FPT)

No.	MPT x FPT
SPP412-005	1/2"
SPP412-007	3/4"
SPP412-010	1"
SPP412-012	1 1/4"
SPP412-015	1 1/2"
SPP412-020	2"



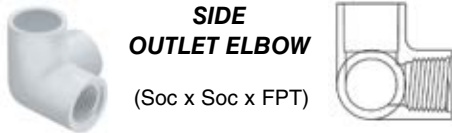
90° ELBOW
(FPT)

No.	FPT
SPP408-005	1/2"
SPP408-007	3/4"
SPP408-010	1"
SPP408-012	1 1/4"
SPP408-015	1 1/2"
SPP408-020	2"



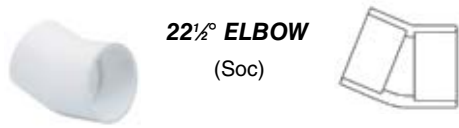
SIDE OUTLET ELBOW
(Soc)

No.	Soc x Soc x Soc
SPP413-005	1/2"
SPP413-007	3/4"
SPP413-010	1"
SPP413-015	1 1/2"



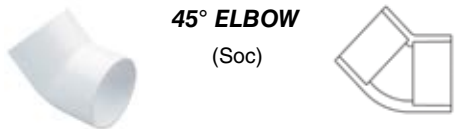
SIDE OUTLET ELBOW
(Soc x Soc x FPT)

No.	Soc	Soc	FPT
SPP414-005	1/2"	1/2"	1/2"
SPP414-007	3/4"	3/4"	3/4"



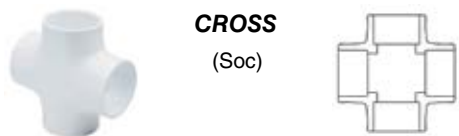
22 1/2° ELBOW
(Soc)

No.	Soc x Soc
SPP416-020	2"
SPP416-030	3"
SPP416-040	4"



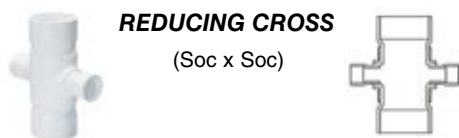
45° ELBOW
(Soc)

No.	Soc x Soc
SPP417-005	1/2"
SPP417-007	3/4"
SPP417-010	1"
SPP417-012	1 1/4"
SPP417-015	1 1/2"
SPP417-020	2"
SPP417-025	2 1/2"
SPP417-030	3"
SPP417-040	4"
SPP417-050	5"
SPP417-060	6"
SPP417-080	8"



CROSS
(Soc)

No.	Soc
SPP420-005	1/2"
SPP420-007	3/4"
SPP420-010	1"
SPP420-012	1 1/4"
SPP420-015	1 1/2"
SPP420-020	2"
SPP420-030	3"
SPP420-040	4"



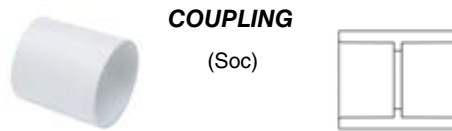
REDUCING CROSS
(Soc x Soc)

No.	Soc x Soc
SPP420-249	2" x 1"



45° ELBOW
(SPIG x Soc)

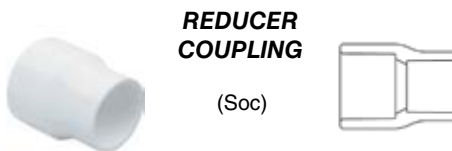
No.	Spig x Soc
SPP427-005	1/2"
SPP427-007	3/4"
SPP427-010	1"
SPP427-012	1 1/4"
SPP427-015	1 1/2"
SPP427-020	2"
SPP427-030	3"
SPP427-040	4"



COUPLING
(Soc)

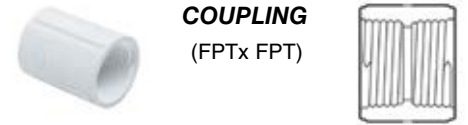
* Nesting Coupling

No.	Soc x Soc
SPP429-005	1/2"
*SPP429-005N	1/2"
SPP429-007	3/4"
*SPP429-007N	3/4"
SPP429-010	1"
*SPP429-010N	1"
SPP429-012	1 1/4"
SPP429-015	1 1/2"
SPP429-020	2"
SPP429-025	2 1/2"
SPP429-030	3"
SPP429-040	4"
SPP429-050	5"
SPP429-060	6"
SPP429-080	8"



REDUCER COUPLING
(Soc)

No.	Soc x Soc
SPP429-101	3/4" x 1/2"
SPP429-131	1" x 3/4"
SPP429-168	1 1/4" x 1"
SPP429-210	1 1/2" x 3/4"
SPP429-212	1 1/2" x 1 1/4"
SPP429-251	2" x 1 1/2"
SPP429-292	2 1/2" x 2"
SPP429-338	3" x 2"
SPP429-420	4" x 2"
SPP429-422	4" x 3"
SPP429-532	6" x 4"



COUPLING
(FPT x FPT)

No.	FPT x FPT
SPP430-005	1/2"
*SPP430-005G	1/2" Gray
SPP430-007	3/4"
SPP430-010	1"

*G - Gray Colour



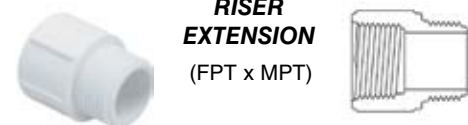
STAINLESS STEEL REINFORCED COUPLING

No.	SRFPT x SRFPT
SPP430-005SR	1/2"
SPP430-007SR	3/4"
SPP430-010SR	1"
SPP430-012SR	1 1/4"
SPP430-015SR	1 1/2"
SPP430-020SR	2"



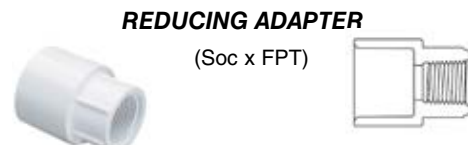
IRON PIPE SIZE TO PLASTIC IRRIGATION PIPE

No.	Spig x Soc
SPP431-060	6" x 6"
SPP431-080	8" x 8"



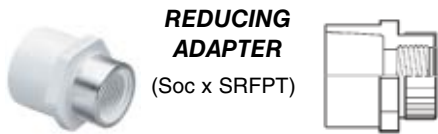
RISER EXTENSION
(FPT x MPT)

No.	FPT x MPT
SPP434-005	1/2"
SPP434-007	3/4"
SPP434-010	1"



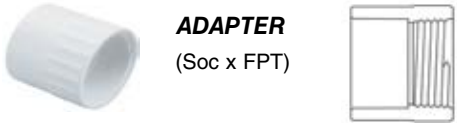
REDUCING ADAPTER
(Soc x FPT)

No.	Soc x FPT
SPP435-072	1/2" x 1/4"
SPP435-073	1/2" x 3/8"
SPP435-074	1/2" x 3/4"
SPP435-101	3/4" x 1/2"
SPP435-102	3/4" x 1"
SPP435-131	1" x 3/4"
SPP435-133	1" x 1 1/2"



REDUCING ADAPTER
(Soc x SRFPT)

No.	Soc x SRFPT
SPP435-074SR	1/2" x 3/4"
SPP435-101SR	3/4" x 1/2"
SPP435-102SR	3/4" x 1"
SPP435-130SR	1" x 1/2"
SPP435-131SR	1" x 3/4"



ADAPTER
(Soc x FPT)

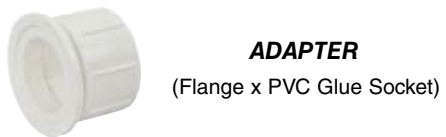
• D - Deep Socket 1/2" Branch Only

No.	Soc x FPT
SPP435-005	1/2"
SPPD435-005	1/2"
SPP435-007	3/4"
SPPD435-007	3/4"
SPP435-010	1"
SPP435-012	1 1/4"
SPP435-015	1 1/2"
SPP435-020	2"
SPP435-025	2 1/2"
SPP435-030	3"
SPP435-040	4"
SPP435-060	6"
SPP435-080	8"



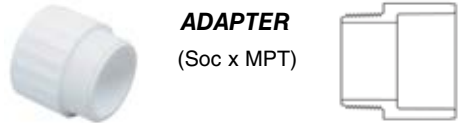
ADAPTER
(Soc x SRFPT)

No.	Soc x SRFPT
SPP435-002SR	1/4"
SPP435-005SR	1/2"
SPP435-007SR	3/4"
SPP435-010SR	1"
SPP435-012SR	1 1/4"
SPP435-015SR	1 1/2"
SPP435-020SR	2"
SPP435-040SR	4"



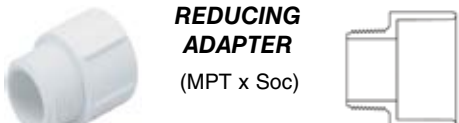
ADAPTER
(Flange x PVC Glue Socket)

No.	Description
SPPM101GSA	1" x 1"
SPPM221GSA	2" FP x 2"
SPPM301GSA	3" FP x 3"



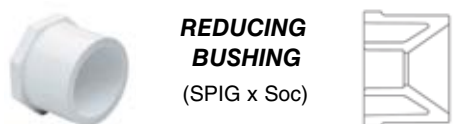
ADAPTER
(Soc x MPT)

No.	Soc x MPT
SPP436-003	3/8"
SPP436-005	1/2"
SPP436-007	3/4"
SPP436-010	1"
SPP436-012	1 1/4"
SPP436-015	1 1/2"
SPP436-020	2"
SPP436-025	2 1/2"
SPP436-030	3"
SPP436-040	4"
SPP436-050	5"
SPP436-060	6"



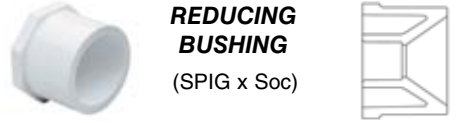
REDUCING ADAPTER
(MPT x Soc)

No.	MPT x Soc
SPP436-073	1/2" x 3/8"
SPP436-074	1/2" x 3/4"
SPP436-101	3/4" x 1/2"
SPP436-102	3/4" x 1"
SPP436-131	1" x 3/4"
SPP436-132	1" x 1 1/4"
SPP436-168	1 1/4" x 1"
SPP436-169	1 1/4" x 1 1/2"
SPP436-212	1 1/2" x 1 1/4"
SPP436-213	1 1/2" x 2"
SPP436-251	2" x 1 1/2"
SPP436-252	2" x 2 1/2"
SPP436-294	2 1/2" x 3"
SPP436-342	3" x 4"



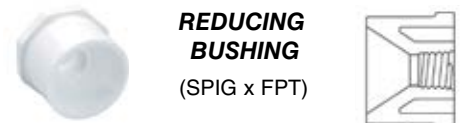
REDUCING BUSHING
(SPIG x Soc)

No.	Spig x Soc
SPP437-072	1/2" x 1/4"
SPP437-073	1/2" x 3/8"
SPP437-101	3/4" x 1/2"
SPP437-130	1" x 1/2"
SPP437-131	1" x 3/4"
SPP437-166	1 1/4" x 1/2"
SPP437-167	1 1/4" x 3/4"
SPP437-168	1 1/4" x 1"
SPP437-209	1 1/2" x 1/2"
SPP437-210	1 1/2" x 3/4"
SPP437-211	1 1/2" x 1"
SPP437-212	1 1/2" x 1 1/4"
SPP437-247	2" x 1/2"
SPP437-248	2" x 3/4"
SPP437-249	2" x 1"
SPP437-250	2" x 1 1/4"
SPP437-251	2" x 1 1/2"
SPP437-289	2 1/2" x 1"



REDUCING BUSHING
(SPIG x Soc)

No.	Spig x Soc
SPP437-290	2 1/2" x 1 1/4"
SPP437-291	2 1/2" x 1 1/2"
SPP437-292	2 1/2" x 2"
SPP437-334	3" x 3/4"
SPP437-335	3" x 1"
SPP437-337	3" x 1 1/2"
SPP437-338	3" x 2"
SPP437-339	3" x 2 1/2"
SPP437-420	4" x 2"
SPP437-421	4" x 2 1/2"
SPP437-422	4" x 3"
SPP437-528	6" x 2"
SPP437-530	6" x 3"
SPP437-532	6" x 4"

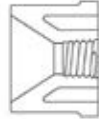


REDUCING BUSHING
(SPIG x FPT)

No.	Spig x FPT
SPP438-071	1/2" x 1/8"
SPP438-072	1/2" x 1/4"
SPP438-073	1/2" x 3/8"
SPP438-098	3/4" x 1/4"
SPP438-101	3/4" x 1/2"
SPP438-129	1" x 3/8"
SPP438-130	1" x 1/2"
SPP438-131	1" x 3/4"
SPP438-166	1 1/4" x 1/2"
SPP438-167	1 1/4" x 3/4"
SPP438-168	1 1/4" x 1"
SPP438-207	1 1/2" x 1/4"
SPP438-209	1 1/2" x 1/2"
SPP438-210	1 1/2" x 3/4"
SPP438-211	1 1/2" x 1"
SPP438-212	1 1/2" x 1 1/4"
SPP438-245	2" x 1/4"
SPP438-247	2" x 1/2"
SPP438-248	2" x 3/4"
SPP438-249	2" x 1"
SPP438-250	2" x 1 1/4"
SPP438-251	2" x 1 1/2"
SPP438-292	2 1/2" x 2"
SPP438-334	3" x 3/4"
SPP438-335	3" x 1"
SPP438-336	3" x 1 1/4"
SPP438-337	3" x 1 1/2"
SPP438-338	3" x 2"
SPP438-339	3" x 2 1/2"
SPP438-420	4" x 2"
SPP438-422	4" x 3"
SPP438-488	5" x 3"
SPP438-490	5" x 4"
SPP438-528	6" x 2"
SPP438-530	6" x 3"
SPP438-532	6" x 4"



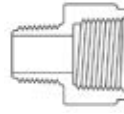
REDUCING BUSHING
(SPIG x SRFPT)



No.	Spig x SRFPT
SPP438-128SR	1" x 1/4"
SPP438-247SR	2" x 1/2"
SPP438-334SR	3" x 3/4"
SPP438-335SR	3" x 1"
SPP438-336SR	3" x 1 1/4"
SPP438-337SR	3" x 1 1/2"



ADAPTER
(MPT x FPT)



No.	MPT x FPT
SPP446-053	3/8" x 1/2"
SPP446-074	1/2" x 3/4"
SPP446-012	1 1/4" x 1 1/4"



CAP
(Soc)



No.	Soc
SPP447-005	1/2"
SPP447-007	3/4"
SPP447-010	1"
SPP447-012	1 1/4"
SPP447-015	1 1/2"
SPP447-020	2"
SPP447-025	2 1/2"
SPP447-030	3"
SPP447-040	4"
SPP447-050	5"
SPP447-060	6"
SPP447-080	8"



PLUG
(MPT)



No.	MPT
SPP450-003	3/8"
SPP450-005	1/2"
SPP450-007	3/4"
SPP450-010	1"
SPP450-012	1 1/4"
SPP450-015	1 1/2"
SPP450-020	2"
SPP450-025	2 1/2"
SPP450-030	3"
SPP450-040	4"
SPP450-060	6"



REDUCING BUSHING
(MPT x FPT)



No.	MPT x FPT
SPP439-052	3/8" x 1/4"
SPP439-071	1/2" x 1/8"
SPP439-072	1/2" x 1/4"
SPP439-073	1/2" x 3/8"
SPP439-098	3/4" x 1/4"
SPP439-099	3/4" x 3/8"
SPP439-101	3/4" x 1/2"
SPP439-130	1" x 1/2"
SPP439-131	1" x 3/4"
SPP439-166	1 1/4" x 1/2"
SPP439-167	1 1/4" x 3/4"
SPP439-168	1 1/4" x 1"
SPP439-209	1 1/2" x 1/2"
SPP439-210	1 1/2" x 3/4"
SPP439-211	1 1/2" x 1"
SPP439-212	1 1/2" x 1 1/4"
SPP439-248	2" x 3/4"
SPP439-249	2" x 1"
SPP439-250	2" x 1 1/4"
SPP439-251	2" x 1 1/2"
SPP439-292	2 1/2" x 2"
SPP439-338	3" x 2"
SPP439-339	3" x 2 1/2"



CAP
(FPT)



No.	FPT
SPP448-003	3/8"
SPP448-005	1/2"
SPP448-007	3/4"
SPP448-010	1"
SPP448-012	1 1/4"
SPP448-015	1 1/2"
SPP448-020	2"
SPP448-030	3"
SPP448-040	4"
SPP448-060	6"



ADAPTER
(Poly Pipe Insert x SPIGOT)



No.	Insert x Spig
SPP460-005	1/2" x 1/2"
SPP460-007	3/4" x 3/4"
SPP460-007N*	3/4" x 3/4"
SPP460-010	1" x 1"
SPP460-012	1 1/4" x 1 1/4"
SPP460-012N*	1 1/4" x 1 1/4"
SPP460-015	1 1/2" x 1 1/2"
SPP460-020	2" x 2"
SPP460-030	3" x 3"
SPP460-040	4" x 4"

* Nesting



STREET TEE
(SPIG x Soc x Soc)



No.	Spig x Soc x Soc
SPP444-005	1/2" x 1/2" x 1/2"
SPP444-007	3/4" x 3/4" x 3/4"
SPP444-010	1" x 1" x 1"
SPP444-012	1 1/4" x 1 1/4" x 1 1/4"
SPP444-015	1 1/2" x 1 1/2" x 1 1/2"
SPP444-020	2" x 2" x 2"



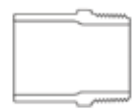
PLUG
(SPIG)



No.	Spig
SPP449-005	1/2"
SPP449-007	3/4"
SPP449-010	1"
SPP449-012	1 1/4"
SPP449-015	1 1/2"
SPP449-020	2"
SPP449-030	3"



ADAPTER
(SPIG x MPT)



No.	Spig x MPT
SPP461-005	1/2"
SPP461-007	3/4"
SPP461-010	1"
SPP461-012	1 1/4"
SPP461-015	1 1/2"
SPP461-020	2"



No.	Pipe	Soc
SPP463-005	1/2"	1/2"
SPP463-130	1"	1/2"
SPP463-010	1"	1"
SPP463-015	1 1/2"	1 1/2"
SPP463-020	2"	2"



No.	Pipe	Soc
SPP463-336	3"	1 1/4"
SPP463-337	3"	1 1/2"
SPP463-338	3"	2"
SPP463-418	4"	1 1/4"
SPP463-419	4"	1 1/2"
SPP463-420	4"	2"
SPP463-532	6"	4"



No.	Pipe	FPT
SPP464-007	3/4"	3/4"
SPP464-010	1"	1"
SPP464-210	1 1/2"	3/4"



No.	Pipe	FPT
SPP464-337	3"	1 1/2"
SPP464-419	4"	1 1/2"
SPP464-527	6"	1 1/2"
SPP464-532	6"	4"



No.	Soc x Soc
SPP476-338	3" x 2"



No.	Insert x Soc
SPP474-005	1/2" x 1/2"
SPP474-007	3/4" x 3/4"
SPP474-010	1" x 1"
SPP474-012	1 1/4" x 1 1/4"
SPP474-015	1 1/2" x 1 1/2"
SPP474-020	2" x 2"
SPP474-030	3" x 3"
SPP474-040	4" x 4"



No.	Soc x Soc x Soc
SPP475-005	1/2"
SPP475-007	3/4"
SPP475-010	1"
SPP475-012	1 1/4"
SPP475-015	1 1/2"
SPP475-020	2"
SPP475-030	3"
SPP475-040	4"
SPP475-532	6" x 4"
SPP475-060	6"



No.	Spig x Soc x MPT
SPP476-010	1" x 1" x 1"



No.	Spig x Soc x FPT
SPP477-010	1" x 1" x 1"



No.	Spig x FPT
SPP478-005	1/2"
SPP478-007	3/4"
SPP478-010	1"
SPP478-012	1 1/4"
SPP478-015	1 1/2"
SPP478-020	2"
SPP478-030	3"
SPP478-040	4"



No.	Spig x SRFPT
SPP478-005SR	1/2"
SPP478-007SR	3/4"
SPP478-010SR	1"
SPP478-012SR	1 1/4"
SPP478-015SR	1 1/2"
SPP478-020SR	2"
SPP478-030SR	3"
SPP478-040SR	4"



No.	Spig x SRFPT
SPP478-072SR	1/2" x 1/4"



No.	Soc x Soc
SPP497-005	1/2"
SPP497-007	3/4"
SPP497-010	1"
SPP497-012	1 1/4"
SPP497-015	1 1/2"
SPP497-020	2"
SPP497-025	2 1/2"
SPP497-030	3"
SPP497-040	4"



*Nesting

No.	Soc x Soc
*SPP479-005N	1/2"
SPP479-015	1 1/2"
SPP479-020	2"
SPP479-025	2 1/2"
SPP479-030	3"
SPP479-040	4"



No.	FPT x FPT
SPP498-005	1/2"
SPP498-007	3/4"
SPP498-010	1"
SPP498-012	1 1/4"
SPP498-015	1 1/2"
SPP498-020	2"
SPP498-025	2 1/2"



No.	Soc x Insert
SPP1102-007	3/4" x 3/4"



No.	Soc x SRFPT
SPP499-002SR	1/4" x 1/4"
SPP499-003SR	3/8" x 3/8"
SPP499-005SR	1/2" x 1/2"
SPP499-007SR	3/4" x 3/4"
SPP499-010SR	1" x 1"
SPP499-012SR	1 1/4" x 1 1/4"
SPP499-015SR	1 1/2" x 1 1/2"
SPP499-020SR	2" x 2"
SPP499-030SR	3" x 3"
SPP499-040SR	4" x 4"

PVC / CPVC FITTINGS



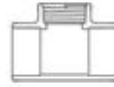
TEE
(Soc)



No.	Soc x Soc x Soc
SPP801-005	1/2"
SPP801-007	3/4"
SPP801-010	1"
SPP801-012	1 1/4"
SPP801-015	1 1/2"
SPP801-020	2"
SPP801-025	2 1/2"
SPP801-030	3"
SPP801-040	4"
SPP801-060	6"
SPP801-080	8"



TEE
(Soc x FPT)



No.	Soc x Soc x FPT
SPP802-005	1/2"
SPP802-007	3/4"
SPP802-010	1"
SPP802-020	2"



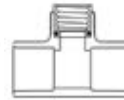
PVC 90°
(Soc)



No.	Soc x Soc
SPP806-005	1/2"
SPP806-007	3/4"
SPP806-010	1"
SPP806-012	1 1/4"
SPP806-015	1 1/2"
SPP806-020	2"
SPP806-025	2 1/2"
SPP806-030	3"
SPP806-040	4"
SPP806-060	6"
SPP806-080	8"



TEE
(Soc x SRFPT)



No.	Soc x Soc x SRFPT
SPP802-005SR	1/2" x 1/2" x 1/2"



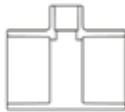
90° SWEEP ELBOW
(Soc)



No.	Soc x Soc
SPP806-005S	1/2"
SPP806-007S	3/4"
SPP806-010S	1"
SPP806-012S	1 1/4"
SPP806-015S	1 1/2"
SPP806-020S	2"



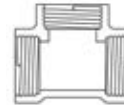
REDUCING TEE
(Soc)



No.	Soc x Soc x Soc
SPP801-101	3/4" x 3/4" x 1/2"
SPP801-130	1" x 1" x 1/2"
SPP801-131	1" x 1" x 3/4"
SPP801-158	1 1/4" x 1" x 1"
SPP801-210	1 1/2" x 1 1/2" x 3/4"
SPP801-211	1 1/2" x 1 1/2" x 1"
SPP801-249	2" x 2" x 1"
SPP801-290	2 1/2" x 2 1/2" x 1 1/4"
SPP801-291	2 1/2" x 2 1/2" x 1 1/2"
SPP801-292	2 1/2" x 2 1/2" x 2"
SPP801-335	3" x 3" x 1"
SPP801-338	3" x 3" x 2"
SPP801-339	3" x 3" x 2 1/2"
SPP801-420	4" x 4" x 2"
SPP801-422	4" x 4" x 3"
SPP801-530	6" x 6" x 3"
SPP801-532	6" x 6" x 4"
SPP801-585	8" x 8" x 6"



TEE
(FPT)



No.	FPT
SPP805-002	1/4"
SPP805-003	3/8"
SPP805-005	1/2"
SPP805-007	3/4"
SPP805-010	1"
SPP805-012	1 1/4"
SPP805-015	1 1/2"
SPP805-020	2"
SPP805-030	3"
SPP805-040	4"



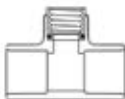
90° ELBOW
(Soc x FPT)



No.	Soc x FPT
SPP807-002	1/4"
SPP807-003	3/8"
SPP807-005	1/2"
SPP807-007	3/4"
SPP807-010	1"
SPP807-012	1 1/4"
SPP807-015	1 1/2"
SPP807-020	2"



REDUCING TEE
(Soc x SRFPT)



No.	Soc x Soc x SRFPT
SPP802-072SR	1/2" x 1/2" x 1/4"
SPP802-098SR	3/4" x 3/4" x 1/4"
SPP802-101SR	3/4" x 3/4" x 1/2"



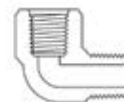
TEE
(SRFPT)



No.	SRFPT
SPP805-007SR	3/4"



90° STREET ELBOW
(FPT x MPT)



No.	FPT x MPT
SPP812-002	1/4" x 1/4"



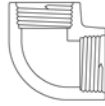
90° REDUCING ELBOW
(Soc x SRFPT)



No.	Soc x SRFPT
SPP807-101SR	3/4" x 1/2"



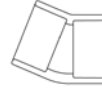
90° ELBOW
(FPT x FPT)



No.	FPT
SPP808-002	1/4"
SPP808-005	1/2"
SPP808-007	3/4"
SPP808-010	1"
SPP808-012	1 1/4"
SPP808-015	1 1/2"
SPP808-020	2"
SPP808-025	2 1/2"
SPP808-030	3"
SPP808-040	4"



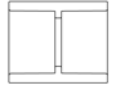
45° ELBOW
(Soc)



No.	Soc
SPP817-005	1/2"
SPP817-007	3/4"
SPP817-010	1"
SPP817-012	1 1/4"
SPP817-015	1 1/2"
SPP817-020	2"
SPP817-025	2 1/2"
SPP817-030	3"
SPP817-040	4"
SPP817-060	6"
SPP817-080	8"



COUPLING
(Soc)



No.	Soc
SPP829-002	1/4"
SPP829-005	1/2"
SPP829-007	3/4"
SPP829-010	1"
SPP829-012	1 1/4"
SPP829-015	1 1/2"
SPP829-020	2"
SPP829-025	2 1/2"
SPP829-030	3"
SPP829-040	4"
SPP829-060	6"
SPP829-080	8"



90° ELBOW
(SPIG x Soc)



No.	Spig x Soc
SPP809-005	1/2"
SPP809-007	3/4"
SPP809-010	1"
SPP809-015	1 1/2"
SPP809-020	2"
SPP809-030	3"
SPP809-040	4"
SPP809-060	6"
SPP809-080	8"



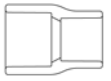
45° ELBOW
(FPT x FPT)



No.	FPT
SPP819-005	1/2"
SPP819-010	1"
SPP819-012	1 1/4"
SPP819-015	1 1/2"
SPP819-020	2"
SPP819-040	4"



REDUCING COUPLING
(Soc x Soc)



No.	Soc
SPP829-130	1" x 1/2"
SPP829-131	1" x 3/4"
SPP829-167	1 1/4" x 3/4"
SPP829-168	1 1/4" x 1"
SPP829-210	1 1/2" x 3/4"
SPP829-211	1 1/2" x 1"
SPP829-212	1 1/2" x 1 1/4"
SPP829-249	2" x 1"
SPP829-251	2" x 1 1/2"
SPP829-292	2 1/2" x 2"
SPP829-338	3" x 2"
SPP829-420	4" x 2"
SPP829-421	4" x 2 1/2"
SPP829-422	4" x 3"
SPP829-585	8" x 6"



11 1/4° ELBOW
(Soc)



No.	Soc
SPP811-030	3" x 3"
SPP811-040	4" x 4"



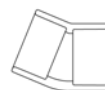
45° STREET ELBOW
(SPIG x Soc)



No.	Spig x Soc
SPP827-005	1/2"
SPP827-007	3/4"
SPP827-010	1"
SPP827-012	1 1/4"
SPP827-015	1 1/2"
SPP827-020	2"
SPP827-030	3"



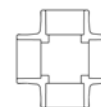
22 1/2° ELBOW
(Soc)



No.	Soc
SPP816-030	3"
SPP816-040	4"



CROSS
(Soc)



No.	Soc
SPP820-002	1/4"
SPP820-005	1/2"
SPP820-007	3/4"
SPP820-012	1 1/4"
SPP820-015	1 1/2"
SPP820-030	3"
SPP820-040	4"



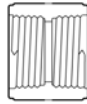
UNION
(FPT x FPT)



No.	FPT
SPP830-002	1/4"
SPP830-003	3/8"
SPP830-005	1/2"
SPP830-007	3/4"
SPP830-010	1"
SPP830-012	1 1/4"
SPP830-015	1 1/2"
SPP830-020	2"
SPP830-025	2 1/2"
SPP830-030	3"
SPP830-040	4"



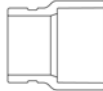
STAINLESS STEEL REINFORCED COUPLING
(SRFPT)



No.	SRFPT x SRFPT
SPP830-005SR	1/2" x 1/2"
SPP830-007SR	3/4" x 3/4"
SPP830-010SR	1" x 1"
SPP830-012SR	1 1/4" x 1 1/4"
SPP830-015SR	1 1/2" x 1 1/2"
SPP830-020SR	2" x 2"



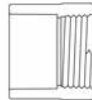
ADAPTER
(Groove x Soc)



No.	Groove x Soc
SPP833-020	2"
SPP833-025	2 1/2"
SPP833-030	3"
SPP833-040	4"
SPP833-060	6"



ADAPTER
(Soc x FPT)



No.	Soc x FPT
SPP835-002	1/4"
SPP835-005	1/2"
SPP835-007	3/4"
SPP835-010	1"
SPP835-012	1 1/4"
SPP835-015	1 1/2"
SPP835-020	2"
SPP835-025	2 1/2"
SPP835-030	3"
SPP835-040	4"



ADAPTER
(Soc x SRFPT)



No.	Soc x SRFPT
SPP835-003SR	3/8" x 3/8"
SPP835-005SR	1/2" x 1/2"
SPP835-007SR	3/4" x 3/4"
SPP835-010SR	1" x 1"
SPP835-012SR	1 1/4" x 1 1/4"
SPP835-015SR	1 1/2" x 1 1/2"
SPP835-020SR	2" x 2"
SPP835-025SR	2 1/2" x 2 1/2"
SPP835-030SR	3" x 3"
SPP835-040SR	4" x 4"



REDUCING ADAPTER
(Soc x SRFPT)



No.	Soc x SRFPT
SPP835-074SR	1/2" x 3/4"
SPP835-101SR	3/4" x 1/2"
SPP835-102SR	3/4" x 1"
SPP835-130SR	1" x 1/2"
SPP835-131SR	1" x 3/4"



ADAPTER
(Soc x MPT)



No.	Soc x MPT
SPP836-005	1/2"
SPP836-007	3/4"
SPP836-010	1"
SPP836-012	1 1/4"
SPP836-015	1 1/2"
SPP836-020	2"
SPP836-025	2 1/2"
SPP836-030	3"
SPP836-040	4"
SPP836-060	6"



ADAPTER
(Soc x Reinforced MPT)



No.	Soc x MPT
SPP836-005R	1/2" x 1/2"
SPP836-007R	3/4" x 3/4"
SPP836-010R	1" x 1"



REDUCING BUSHING
(SPIG x Soc)



No.	Spig x Soc
SPP837-052	3/8" x 1/4"
SPP837-072	1/2" x 1/4"
SPP837-073	1/2" x 3/8"
SPP837-101	3/4" x 1/2"
SPP837-130	1" x 1/2"
SPP837-131	1" x 3/4"
SPP837-166	1 1/4" x 1/2"
SPP837-167	1 1/4" x 3/4"
SPP837-168	1 1/4" x 1"
SPP837-209	1 1/2" x 1/2"
SPP837-210	1 1/2" x 3/4"
SPP837-211	1 1/2" x 1"
SPP837-212	1 1/2" x 1 1/4"
SPP837-247	2" x 1 1/2"
SPP837-248	2" x 3/4"
SPP837-249	2" x 1"
SPP837-250	2" x 1 1/4"
SPP837-251	2" x 1 1/2"
SPP837-292	2 1/2" x 2"
SPP837-335	3" x 1"
SPP837-336	3" x 1 1/4"
SPP837-337	3" x 1 1/2"
SPP837-338	3" x 2"
SPP837-339	3" x 2 1/2"
SPP837-420	4" x 2"
SPP837-422	4" x 3"
SPP837-528	6" x 2"
SPP837-530	6" x 3"
SPP837-532	6" x 4"
SPP837-585	8" x 6"



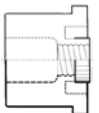
REDUCING BUSHING
(SPIG x FPT)



No.	Spig x FPT
SPP838-072	1/2" x 1/4"
SPP838-073	1/2" x 3/8"
SPP838-098	3/4" x 1/4"
SPP838-099	3/4" x 3/8"
SPP838-101	3/4" x 1/2"
SPP838-129	1" x 3/8"
SPP838-130	1" x 1/2"
SPP838-131	1" x 3/4"
SPP838-166	1 1/2" x 1/2"
SPP838-167	1 1/4" x 3/4"
SPP838-168	1 1/4" x 1"
SPP838-209	1 1/2" x 1/2"
SPP838-210	1 1/2" x 3/4"
SPP838-211	1 1/2" x 1"
SPP838-212	1 1/2" x 1 1/4"
SPP838-247	2" x 1/2"
SPP838-248	2" x 3/4"
SPP838-249	2" x 1"
SPP838-250	2" x 1 1/4"
SPP838-251	2" x 1 1/2"
SPP838-291	2 1/2" x 1 1/2"
SPP838-292	2 1/2" x 2"
SPP838-334	3" x 3/4"
SPP838-335	3" x 1"
SPP838-336	3" x 1 1/4"
SPP838-338	3" x 2"
SPP838-339	3" x 2 1/2"
SPP838-420	4" x 2"
SPP838-422	4" x 3"
SPP838-528	6" x 2"
SPP838-530	6" x 3"



REDUCING BUSHING
(SPIG x SRFPT)



No.	Spig x SRFPT
SPP838-128SR	1" x 1/4"
SPP838-209SR	1 1/2" x 1/2"
SPP838-210SR	1 1/2" x 3/4"
SPP838-247SR	2" x 1/2"
SPP838-248SR	2" x 3/4"
SPP838-249SR	2" x 1"
-	3" x 3/4"
-	3" x 1"
-	3" x 1 1/4"
SPP838-337SR	3" x 1 1/2"



REDUCING BUSHING
(MPT x FPT)

No.	MPT x FPT
SPP839-052	3/8" x 1/4"
SPP839-072	1/2" x 1/4"
SPP839-073	1/2" x 3/8"
SPP839-098	3/4" x 1/4"
SPP839-099	3/4" x 3/8"
SPP839-101	3/4" x 1/2"
SPP839-128	1" x 1/4"
SPP839-129	1" x 3/8"
SPP839-130	1" x 1/2"
SPP839-131	1" x 3/4"
SPP839-166	1 1/4" x 1/2"
SPP839-167	1 1/4" x 3/4"
SPP839-168	1 1/4" x 1"
SPP839-209	1 1/2" x 1/2"
SPP839-210	1 1/2" x 3/4"
SPP839-211	1 1/2" x 1"
SPP839-212	1 1/2" x 1 1/4"
SPP839-247	2" x 1/2"
SPP839-248	2" x 3/4"
SPP839-249	2" x 1"
SPP839-250	2" x 1 1/4"
SPP839-251	2" x 1 1/2"
SPP839-292	2 1/2" x 2"
SPP839-337	3" x 1 1/2"
SPP839-338	3" x 2"
SPP839-339	3" x 2 1/2"
SPP839-420	4" x 2"
SPP839-422	4" x 3"



STREET TEE
(SPIG x Soc x Soc)

No.	Size
SPP844-005	1/2"
SPP844-010	1"
SPP844-012	1 1/4"
SPP844-015	1 1/2"
SPP844-020	2"



CAP
(Soc)

No.	Soc
SPP847-005	1/2"
SPP847-007	3/4"
SPP847-010	1"
SPP847-012	1 1/4"
SPP847-015	1 1/2"
SPP847-020	2"
SPP847-030	3"
SPP847-040	4"
SPP847-060	6"
SPP847-080	8"



CAP
(FPT)

No.	FPT
SPP848-005	1/2"
SPP848-007	3/4"
SPP848-010	1"
SPP848-012	1 1/4"
SPP848-015	1 1/2"
SPP848-020	2"
SPP848-030	3"
SPP848-040	4"



CAP
(SRFPT)

No.	SRFPT
SPP848-002SR	1/4"



PLUG
(SPIG)

No.	Spigot
SPP849-005	1/2"
SPP849-007	3/4"
SPP849-010	1"
SPP849-012	1 1/4"
SPP849-015	1 1/2"
SPP849-020	2"



PLUG
(MPT)

No.	MPT
SPP850-002	1/4"
SPP850-003	3/8"
SPP850-005	1/2"
SPP850-007	3/4"
SPP850-010	1"
SPP850-012	1 1/4"
SPP850-015	1 1/2"
SPP850-020	2"
SPP850-025	2 1/2"
SPP850-030	3"
SPP850-040	4"
SPP850-060	6"



ADAPTER
(SPIG x MPT)

No.	Spig x MPT
SPP861-005	1/2" x 1/2"
SPP861-007	3/4" x 3/4"
SPP861-010	1" x 1"
SPP861-012	1 1/4" x 1 1/4"
SPP861-015	1 1/2" x 1 1/2"
SPP861-020	2" x 2"



"Y"
(Soc x Soc x Soc)

No.	Size
SPP875-010	1"
SPP875-012	1 1/4"
SPP875-015	1 1/2"
SPP875-020	2"
SPP875-040	4"
-	6" x 6" x 4"
SPP875-060	6"



ADAPTER
(SPIG x SRFPT)

No.	Spig x SRFPT
SPP878-005SR	1/2" x 1/2"
SPP878-098SR	3/4" x 1/4"
SPP878-007SR	3/4" x 3/4"
SPP878-128SR	1" x 1/4"
SPP878-010SR	1" x 1"
SPP878-012SR	1 1/4" x 1 1/4"
SPP878-015SR	1 1/2" x 1 1/2"
SPP878-020SR	2" x 2"
SPP878-030SR	3" x 3"
-	4" x 4"



ONE PIECE FLANGE
(Soc)

No.	Soc	Flange OD
SPP851-007	3/4"	3 3/8"
SPP851-010	1"	4 1/4"
SPP851-012	1 1/4"	4 5/8"
SPP851-015	1 1/2"	5"
SPP851-020	2"	6"
SPP851-025	2 1/2"	7"
SPP851-030	3"	7 1/2"
SPP851-040	4"	9"



ONE PIECE FLANGE
(SRFPT)

No.	SRFPT
SPP852-005SR	1/2"
SPP852-007SR	3/4"
SPP852-010SR	1"
SPP852-012SR	1 1/4"
SPP852-015SR	1 1/2"
SPP852-020SR	2"
SPP852-025SR	2 1/2"
SPP852-030SR	3"
SPP852-040SR	4"



BLIND FLANGE
Max 150 PSI @ 73° F

No.	Size	Flange OD
SPP853-005	1/2"	3 1/2"
SPP853-007	3/4"	3 7/8"
SPP853-010	1"	4 1/4"
SPP853-020	2"	5 5/16"
SPP853-040	4"	9"
SPP853-060	6"	11"
SPP853-080	8"	13 1/2"



FLANGE VAN STONE STYLE

- Plastic Solid Ring Soc
- Two Piece

No.	Size	Flange OD
SPP854-005	1/2"	3 1/2"
SPP854-007	3/4"	3 7/8"
SPP854-010	1"	4 1/4"
SPP854-012	1 1/4"	4 5/8"
SPP854-015	1 1/2"	5"
SPP854-020	2"	6"
SPP854-025	2 1/2"	7"
SPP854-030	3"	7 1/2"
SPP854-040	4"	9"
SPP854-050	5"	10 5/8"
SPP854-060	6"	11"
SPP854-080	8"	13 1/2"

PVC / CPVC FITTINGS



**FLANGE
VAN STONE
STYLE**

- Plastic Solid Ring FPT
- Two Piece

No.	FPT	Flange
SPP855-005	1/2"	3 1/2"
SPP855-007	3/4"	3 3/8"
SPP855-010	1"	4 1/4"
SPP855-012	1 1/4"	4 5/8"
SPP855-015	1 1/2"	5"
SPP855-020	2"	6"
SPP855-030	3"	7 1/2"
SPP855-040	4"	9"



**FLANGE
VAN STONE
STYLE
(SPIG)**

No.	Spig	Flange
SPP856-030	3"	7 1/2"
SPP856-040	4"	9"
SPP856-060	6"	11"
SPP856-080	8"	13 1/2"



UNION

- (Soc x Soc)
- Viton Seal
 - Max 235 PSI @ 73° F

No.	Soc x Soc
SPP8057-007	3/4"
SPP8057-010	1"
SPP8057-012	1 1/4"
SPP8057-015	1 1/2"
SPP8057-020	2"
SPP8057-030	3"
SPP8057-040	4"



UNION

- (Soc x FPT)
- Viton Seal
 - Max 235 PSI @ 73° F

No.	Soc x FPT
SPP8059-007	3/4"
SPP8059-010	1"
SPP8059-015	1 1/2"
SPP8059-020	2"
SPP8059-030	3"
SPP8059-040	4"



UNION

- (Soc x SRFPT)
- Viton O-Ring Seal
 - Max 235 PSI @ 73° F

No.	Size
SPP859-002SR	1/4"
SPP8059-005SR	1/2"
SPP8059-007SR	3/4"
SPP8059-010SR	1"
SPP8059-012SR	1 1/4"
SPP8059-015SR	1 1/2"
SPP8059-020SR	2"
SPP8059-025SR	2 1/2"
SPP8059-040SR	4"



UNION

- (FPT x FPT)
- Viton Seal
 - Max 235 PSI @ 73° F

No.	FPT
SPP858-002	1/4"
SPP858-003	3/8"
SPP8058-005	1/2"
SPP8058-007	3/4"
SPP8058-010	1"
SPP8058-012	1 1/4"
SPP8058-015	1 1/2"
SPP8058-020	2"



UNION

- (SRFPT x SRFPT)
- Stainless Steel Reinforced FPT
 - Viton Seal
 - Max 235 PSI @ 73° F

No.	FPT
SPP8058-007SR	3/4"
SPP8058-010SR	1"
SPP8058-012SR	1 1/4"
SPP8058-020SR	2"
SPP8058-030SR	3"
-	4"

1/8" PVC NIPPLES

No.	Size
SPP879-015	1/8" x 1 1/2"
SPP879-020	1/8" x 2"
SPP879-025	1/8" x 2 1/2"
SPP879-035	1/8" x 3 1/2"
SPP879-130	1/8" x 13"
SPP879-140	1/8" x 14"
SPP879-150	1/8" x 15"
SPP879-160	1/8" x 16"
SPP879-170	1/8" x 17"
SPP879-180	1/8" x 18"
SPP879-190	1/8" x 19"
SPP879-200	1/8" x 20"
SPP879-220	1/8" x 22"
SPP879-240	1/8" x 24"
SPP879-360	1/8" x 36"
SPP879-420	1/8" x 42"
SPP879-480	1/8" x 48"

1/4" PVC NIPPLES

No.	Size
SPP880-005	1/4" x 7/8"
SPP880-015	1/4" x 1 1/2"
SPP880-020	1/4" x 2"
SPP880-025	1/4" x 2 1/2"
SPP880-030	1/4" x 3"
SPP880-035	1/4" x 3 1/2"
SPP880-040	1/4" x 4"
SPP880-045	1/4" x 4 1/2"
SPP880-050	1/4" x 5"
SPP880-055	1/4" x 5 1/2"
SPP880-060	1/4" x 6"
SPP880-080	1/4" x 8"
SPP880-100	1/4" x 10"
SPP880-130	1/4" x 13"
SPP880-140	1/4" x 14"
SPP880-150	1/4" x 15"
SPP880-160	1/4" x 16"
SPP880-170	1/4" x 17"
SPP880-180	1/4" x 18"
SPP880-190	1/4" x 19"
SPP880-200	1/4" x 20"
SPP880-220	1/4" x 22"
SPP880-240	1/4" x 24"
SPP880-300	1/4" x 30"
SPP880-360	1/4" x 36"
SPP880-420	1/4" x 42"
SPP880-480	1/4" x 48"

1 1/4" PVC NIPPLES

No.	Size
SPP885-005	1 1/4" x 1 1/2"
SPP885-020	1 1/4" x 2"
SPP885-025	1 1/4" x 2 1/2"
SPP885-030	1 1/4" x 3"
SPP885-035	1 1/4" x 3 1/2"
SPP885-040	1 1/4" x 4"
SPP885-045	1 1/4" x 4 1/2"
SPP885-050	1 1/4" x 5"
SPP885-055	1 1/4" x 5 1/2"
SPP885-060	1 1/4" x 6"
SPP885-070	1 1/4" x 7"
SPP885-080	1 1/4" x 8"
SPP885-120	1 1/4" x 12"
SPP885-130	1 1/4" x 13"
SPP885-140	1 1/4" x 14"
SPP885-150	1 1/4" x 15"
SPP885-160	1 1/4" x 16"
SPP885-170	1 1/4" x 17"
SPP885-180	1 1/4" x 18"
SPP885-190	1 1/4" x 19"
SPP885-200	1 1/4" x 20"
SPP885-220	1 1/4" x 22"
SPP885-360	1 1/4" x 36"
SPP885-420	1 1/4" x 42"
SPP885-480	1 1/4" x 48"

1 1/2" PVC NIPPLES

No.	Size
SPP886-005	1 1/2" x 2 1/2"
SPP886-020	1 1/2" x 2"
SPP886-025	1 1/2" x 2 1/2"
SPP886-030	1 1/2" x 3"
SPP886-035	1 1/2" x 3 1/2"
SPP886-040	1 1/2" x 4"
SPP886-045-7	1 1/2" x 4 1/2"
SPP886-050	1 1/2" x 5"
SPP886-060	1 1/2" x 6"
SPP886-070	1 1/2" x 7"
SPP886-080	1 1/2" x 8"
SPP886-100	1 1/2" x 10"
SPP886-120	1 1/2" x 12"
SPP886-130	1 1/2" x 13"
SPP886-140	1 1/2" x 14"
SPP886-150	1 1/2" x 15"
SPP886-160	1 1/2" x 16"
SPP886-170	1 1/2" x 17"
SPP886-180	1 1/2" x 18"
SPP886-190	1 1/2" x 19"
SPP886-200	1 1/2" x 20"
SPP886-220	1 1/2" x 22"
SPP886-240	1 1/2" x 24"
SPP886-300	1 1/2" x 30"
SPP886-360	1 1/2" x 36"
SPP886-420	1 1/2" x 42"
SPP886-480	1 1/2" x 48"

3/8" PVC NIPPLES

No.	Size
SPP881-005	3/8" x 1"
SPP881-015	3/8" x 1½"
SPP881-020	3/8" x 2"
SPP881-025	3/8" x 2½"
SPP881-030	3/8" x 3"
SPP881-040	3/8" x 4"
SPP881-045	3/8" x 4½"
SPP881-060	3/8" x 6"
SPP881-080	3/8" x 8"
SPP881-110	3/8" x 11"
SPP881-130	3/8" x 13"
SPP881-140	3/8" x 14"
SPP881-150	3/8" x 15"
SPP881-160	3/8" x 16"
SPP881-170	3/8" x 17"
SPP881-180	3/8" x 18"
SPP881-190	3/8" x 19"
SPP881-200	3/8" x 20"
SPP881-220	3/8" x 22"
SPP881-240	3/8" x 24"
SPP881-300	3/8" x 30"
SPP881-360	3/8" x 36"
SPP881-420	3/8" x 42"
SPP881-480	3/8" x 48"

1/2" PVC NIPPLES

No.	Size
SPP882-005	1/2" x 1½"
SPP882-015	1/2" x 1½"
SPP882-020	1/2" x 2"
SPP882-025	1/2" x 2½"
SPP882-030	1/2" x 3"
SPP882-035	1/2" x 3½"
SPP882-040	1/2" x 4"
SPP882-045	1/2" x 4½"
SPP882-050	1/2" x 5"
SPP882-055	1/2" x 5½"
SPP882-060	1/2" x 6"
SPP882-070	1/2" x 7"
SPP882-080	1/2" x 8"
SPP882-090	1/2" x 9"
SPP882-100	1/2" x 10"
SPP882-110	1/2" x 11"
SPP882-120	1/2" x 12"
SPP882-130	1/2" x 13"
SPP882-140	1/2" x 14"
SPP882-170	1/2" x 17"
SPP882-180	1/2" x 18"
SPP882-190	1/2" x 19"
SPP882-200	1/2" x 20"
SPP882-220	1/2" x 22"
SPP882-240	1/2" x 24"
SPP882-360	1/2" x 36"
SPP882-420	1/2" x 42"
SPP882-480	1/2" x 48"

3/4" PVC NIPPLES

No.	Size
SPP883-005	3/4" x 1½"
SPP883-015	3/4" x 1½"
SPP883-020	3/4" x 2"
SPP883-025	3/4" x 2½"
SPP883-030	3/4" x 3"
SPP883-035	3/4" x 3½"
SPP883-040	3/4" x 4"
SPP883-045	3/4" x 4½"
SPP883-050	3/4" x 5"
SPP883-055	3/4" x 5½"
SPP883-060	3/4" x 6"
SPP883-070	3/4" x 7"
SPP883-080	3/4" x 8"
SPP883-090	3/4" x 9"
SPP883-100	3/4" x 10"
SPP883-120	3/4" x 12"
SPP883-140	3/4" x 14"
SPP883-150	3/4" x 15"
SPP883-160	3/4" x 16"
SPP883-170	3/4" x 17"
SPP883-180	3/4" x 18"
SPP883-190	3/4" x 19"
SPP883-200	3/4" x 20"
SPP883-220	3/4" x 22"
SPP883-240	3/4" x 24"
SPP883-300	3/4" x 30"
SPP883-360	3/4" x 36"
SPP883-420	3/4" x 42"
SPP883-480	3/4" x 48"

1" PVC NIPPLES

No.	Size
SPP884-005	1" x 1½"
SPP884-020	1" x 2"
SPP884-025	1" x 2½"
SPP884-030	1" x 3"
SPP884-035	1" x 3½"
SPP884-040	1" x 4"
SPP884-045	1" x 4½"
SPP884-050	1" x 5"
SPP884-055	1" x 5½"
SPP884-060	1" x 6"
SPP884-070	1" x 7"
SPP884-080	1" x 8"
SPP884-090	1" x 9"
SPP884-100	1" x 10"
SPP884-130	1" x 13"
SPP884-140	1" x 14"
SPP884-150	1" x 15"
SPP884-160	1" x 16"
SPP884-170	1" x 17"
SPP884-180	1" x 18"
SPP884-190	1" x 19"
SPP884-200	1" x 20"
SPP884-220	1" x 22"
SPP884-240	1" x 24"
SPP884-300	1" x 30"
SPP884-360	1" x 36"
SPP884-420	1" x 42"
SPP884-480	1" x 48"

2" PVC NIPPLES

No.	Size
SPP887-005	2" x Close
SPP887-025	2" x 2½"
SPP887-030	2" x 3"
SPP887-035	2" x 3½"
SPP887-040	2" x 4"
SPP887-045	2" x 4½"
SPP887-050	2" x 5"
SPP887-055	2" x 5½"
SPP887-060	2" x 6"
SPP887-070	2" x 7"
SPP887-080	2" x 8"
SPP887-090	2" x 9"
SPP887-100	2" x 10"
SPP887-120	2" x 12"
SPP887-130	2" x 13"
SPP887-140	2" x 14"
SPP887-150	2" x 15"
SPP887-160	2" x 16"
SPP887-170	2" x 17"
SPP887-180	2" x 18"
SPP887-190	2" x 19"
SPP887-200	2" x 20"
SPP887-220	2" x 22"
SPP887-240	2" x 24"
SPP887-300	2" x 30"
SPP887-360	2" x 36"
SPP887-420	2" x 42"
SPP887-480	2" x 48"

2½" PVC NIPPLES

No.	Size
SPP888-025	2½" x 2½"
SPP888-030	2½" x 3"
SPP888-035	2½" x 3½"
SPP888-040	2½" x 4"
SPP888-080	2½" x 8"
SPP888-130	2½" x 13"
SPP888-140	2½" x 14"
SPP888-150	2½" x 15"
SPP888-160	2½" x 16"
SPP888-170	2½" x 17"
SPP888-180	2½" x 18"
SPP888-190	2½" x 19"
SPP888-200	2½" x 20"
SPP888-220	2½" x 22"
SPP888-240	2½" x 24"
SPP888-300	2½" x 30"
SPP888-360	2½" x 36"
SPP888-420	2½" x 42"
SPP888-480	2½" x 48"

3" PVC NIPPLES

No.	Size
SPP889-005	3" x 1½"
SPP889-030	3" x 3"
SPP889-035	3" x 3½"
SPP889-040	3" x 4"
SPP889-050	3" x 5"
SPP889-060	3" x 6"
SPP889-080	3" x 8"
SPP889-120	3" x 12"
SPP889-130	3" x 13"
SPP889-140	3" x 14"
SPP889-150	3" x 15"
SPP889-160	3" x 16"
SPP889-170	3" x 17"
SPP889-180	3" x 18"
SPP889-190	3" x 19"
SPP889-200	3" x 20"
SPP889-220	3" x 22"
SPP889-240	3" x 24"
SPP889-300	3" x 30"
SPP889-360	3" x 36"
SPP889-420	3" x 42"
SPP889-480	3" x 48"

4" PVC NIPPLES

No.	Size
SPP890-005	4" x 1½"
SPP890-040	4" x 4"
SPP890-045	4" x 4½"
SPP890-055	4" x 5½"
SPP890-060	4" x 6"
SPP890-130	4" x 13"
SPP890-140	4" x 14"
SPP890-150	4" x 15"
SPP890-160	4" x 16"
SPP890-170	4" x 17"
SPP890-180	4" x 18"
SPP890-190	4" x 19"
SPP890-200	4" x 20"
SPP890-220	4" x 22"
SPP890-240	4" x 24"
SPP890-300	4" x 30"
SPP890-420	4" x 42"
SPP890-480	4" x 48"



TEE
(Soc)

No.	Soc
SPP801-003C	3/8"
SPP801-005C	1/2"
SPP801-007C	3/4"
SPP801-010C	1"
SPP801-012C	1 1/4"
SPP801-015C	1 1/2"
SPP801-020C	2"
SPP801-030C	3"
-	4"
SPP801-060C	6"
-	8"



TEE
(FPT)

No.	FPT
SPP805-002C	1/4"
SPP805-005C	1/2"
SPP805-007C	3/4"
SPP805-010C	1"
SPP805-015C	1 1/2"
SPP805-020C	2"
SPP805-025C	2 1/2"
-	3"
-	4"



90° ELBOW
(Soc)

No.	Soc x Soc
SPP806-005C	1/2"
SPP806-007C	3/4"
SPP806-010C	1"
SPP806-012C	1 1/4"
SPP806-015C	1 1/2"
SPP806-020C	2"
SPP806-030C	3"
-	4"
SPP806-060C	6"
-	8"



45° STREET ELBOW
(SPIG x Soc)

No.	Spig x Soc
SPP827-005C	1/2"
SPP827-007C	3/4"
SPP827-010C	1"
SPP827-012C	1 1/4"
SPP827-015C	1 1/2"
SPP827-020C	2"
-	3"



REDUCING TEE
(Soc)

No.	Soc x Soc x Soc
SPP801-101C	3/4" x 3/4" x 3/4"
SPP801-131C	1" x 1" x 3/4"
SPP801-158C	1 1/4" x 1" x 3/4"
SPP801-159C	1 1/2" x 1" x 1 1/4"
SPP801-168C	1 1/4" x 1 1/4" x 1"
SPP801-202C	1 1/2" x 1 1/4" x 1"
SPP801-210C	1 1/2" x 1 1/2" x 3/4"
SPP801-211C	1 1/2" x 1 1/2" x 1"
SPP801-247C	2" x 2" x 1/2"
SPP801-249C	2" x 2" x 1"
SPP801-251C	2" x 2" x 1 1/2"
SPP801-289C	2 1/2" x 2 1/2" x 1"
SPP801-290C	2 1/2" x 2 1/2" x 1 1/4"
SPP801-291C	2 1/2" x 2 1/2" x 1 1/2"
SPP801-292C	2 1/2" x 2 1/2" x 2"
SPP801-338C	3" x 3" x 2"
-	4" x 4" x 2"
-	4" x 4" x 3"
SPP801-585C	8" x 8" x 6"



90° ELBOW
(FPT)

No.	FPT x FPT
SPP808-005C	1/2"
SPP808-007C	3/4"
SPP808-010C	1"
SPP808-015C	1 1/2"
SPP808-025C	2 1/2"
SPP808-030C	3"
SPP808-040C	4"



90° SWEEP ELBOW
(Soc)

No.	Soc x Soc
SPP806-005SC	1/2"
SPP806-007SC	3/4"
SPP806-010SC	1"
SPP806-012SC	1 1/4"
SPP806-015SC	1 1/2"
SPP806-020SC	2"



COUPLING
(Soc)

No.	Soc x Soc
SPP829-005C	1/2"
SPP829-007C	3/4"
SPP829-010C	1"
SPP829-015C	1 1/2"
SPP829-020C	2"
SPP829-030C	3"
-	4"
-	6"
SPP829-080C	8"



90° ELBOW
(SPIG x Soc)

No.	Spig x Soc
SPP809-005C	1/2"
SPP809-007C	3/4"
SPP809-010C	1"
SPP809-012C	1 1/4"
SPP809-015C	1 1/2"
SPP809-020C	2"
SPP809-030C	3"
-	4"
-	6"
-	8"



45° ELBOW
(Soc)

No.	Soc
SPP817-005C	1/2"
SPP817-007C	3/4"
SPP817-010C	1"
SPP817-012C	1 1/4"
SPP817-015C	1 1/2"
SPP817-020C	2"
SPP817-025C	2 1/2"
SPP817-030C	3"
SPP817-040C	4"



REDUCING COUPLING
(Soc)

No.	Soc x Soc
SPP829-166C	1 1/4" x 1/2"
SPP829-167C	1 1/4" x 3/4"
SPP829-168C	1 1/4" x 1"
SPP829-251C	2" x 1 1/2"
SPP829-292C	2 1/2" x 2"
-	3" x 2"
-	4" x 2"
-	4" x 3"
SPP829-532C	6" x 4"
-	8" x 6"



TEE
(Soc x Soc x FPT)

No.	Soc x Soc x FPT
SPP802-005C	1/2"
SPP802-007C	3/4"
SPP802-010C	1"
SPP802-015C	1 1/2"
SPP802-020C	2"



90° ELBOW
(Soc x FPT)

No.	Soc x FPT
SPP807-005C	1/2"
SPP807-007C	3/4"
SPP807-020C	2"



45° ELBOW
(FPT)

No.	FPT
SPP819-010C	1"
SPP819-025C	2 1/2"
SPP819-040C	4"



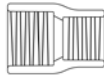
COUPLING
(SRFPT)



No.	SRFPT
SPP830-010CSR	1" x 1"
SPP830-012CSR	1½" x 1½"
SPP830-015CSR	1½" x 1½"
SPP830-020CSR	2" x 2"



REDUCING COUPLING
(SRFPT)

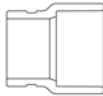


No.	FPT
*SPP830-101CSR	¾" x 1/2"
SPP830-130CSR	1" x 1/2"
SPP830-131CSR	1" x ¾"
SPP830-210CSR	1½" x ¾"
SPP830-211CSR	1½" x 1"
SPP830-212CSR	1½" x 1¼"
SPP830-249CSR	2" x 1"
SPP830-251CSR	2" x 1½"

* Non-reinforced



ADAPTER
(Groove x Soc)



No.	Groove x Soc
SPP833-012C	1¼"
SPP833-020C	2"
SPP833-025C	2½"
-	3"
-	4"
-	6"



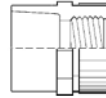
COUPLING
(Soc x FPT)



No.	Soc x FPT
SPP835-002C	1/4"
SPP835-007C	¾"
SPP835-010C	1"
SPP835-015C	1½"
SPP835-020C	2"
SPP835-025C	2½"
SPP835-030C	3"
SPP835-040C	4"



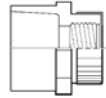
ADAPTER
(Soc x SRFPT)



No.	Soc x SRFPT
SPP835-003CSR	3/8" x 3/8"
SPP835-005CSR	1/2" x 1/2"
SPP835-007CSR	¾" x ¾"
SPP835-010CSR	1" x 1"
SPP835-012CSR	1¼" x 1¼"
SPP835-020CSR	2" x 2"
SPP835-025CSR	2½" x 2½"
-	3" x 3"
-	4" x 4"



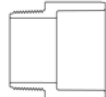
REDUCING ADAPTER
(Soc x SRFPT)



No.	Soc x SRFPT
SPP835-074CSR	1/2" x ¾"
SPP835-101CSR	¾" x 1/2"
SPP835-102CSR	¾" x 1"
SPP835-130CSR	1" x 1/2"
SPP835-131CSR	1" x ¾"



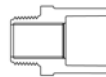
ADAPTER
(Soc x MPT)



No.	Soc x MPT
SPP836-005C	1/2"
SPP836-007C	¾"
SPP836-010C	1"
SPP836-012C	1¼"
SPP836-015C	1½"
SPP836-020C	2"
SPP836-025C	2½"
SPP836-030C	3"
-	4"



ADAPTER
(Soc x Reinforced MPT)



No.	Soc x MPT
SPP836-005CR	1/2" x 1/2"
SPP836-007CR	¾" x ¾"
SPP836-010CR	1" x 1"

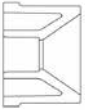


COUPLING
(FPT)

No.	FPT x FPT
SPP830-010C	1"
SPP830-012C	1¼"
SPP830-025C	2½"
-	3"



REDUCING BUSHING FLUSH STYLE
(SPIG x Soc)



No.	Spig x Soc
SPP837-052C	3/8" x 1/4"
SPP837-072C	1/2" x 1/4"
SPP837-073C	¾" x 3/8"
SPP837-101C	¾" x 1/2"
SPP837-130C	1" x 1/2"
SPP837-131C	1" x ¾"
SPP837-166C	1¼" x 1/2"
SPP837-167C	1¼" x ¾"
SPP837-168C	1½" x 1"
SPP837-209C	1½" x 1/2"
SPP837-210C	1½" x ¾"
SPP837-211C	1½" x 1"
SPP837-212C	1½" x 1¼"
SPP837-247C	2" x 1/2"
SPP837-248C	2" x ¾"
SPP837-249C	2" x 1"
SPP837-250C	2" x 1¼"
SPP837-251C	2" x 1½"
SPP837-290C	2½" x 1"
SPP837-291C	2½" x 1½"
SPP837-292C	2½" x 2"
SPP837-335C	3" x 1"
SPP837-336C	3" x 1¼"
-	3" x 1½"
-	3" x 2"
SPP837-339C	3" x 2½"
SPP837-420C	4" x 2"
-	4" x 3"



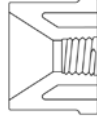
REDUCING BUSHING FLUSH STYLE
(SPIG x FPT)



No.	Spig x FPT
SPP838-073C	1/2" x 3/8"
SPP838-101C	¾" x 1/2"
SPP838-130C	1" x 1/2"
SPP838-131C	1" x ¾"
SPP838-166C	1¼" x 1/2"
SPP838-167C	1¼" x ¾"
SPP838-168C	1½" x 1"
SPP838-209C	1½" x 1/2"
SPP838-210C	1½" x ¾"
SPP838-211C	1½" x 1"
SPP838-212C	1½" x 1¼"
SPP838-250C	2" x 1¼"
SPP838-251C	2" x 1½"
SPP838-287C	2½" x 1/2"
SPP838-288C	2½" x ¾"
SPP838-289C	2½" x 1"
SPP838-290C	2½" x 1¼"
SPP838-291C	2½" x 1½"
-	3" x ¾"
-	3" x 1"
-	3" x 1¼"
-	3" x 2"



REDUCING BUSHING FLUSH STYLE
(SPIG x SRFPT)



No.	Spig x SRFPT
SPP838-128CSR	1" x 1/4"
SPP838-209CSR	1 1/2" x 1/2"
SPP838-210CSR	1 1/2" x 3/4"
SPP838-247CSR	2" x 1/2"
SPP838-248CSR	3" x 3/4"
SPP838-249CSR	2" x 1"
-	3" x 3/4"
-	3" x 1 1/4"
-	3" x 1 1/2"



REDUCING BUSHING
(MPT x FPT)



No.	MPT x FPT
SPP839-052C	3/8" x 1/4"
SPP839-072C	1/2" x 1/4"
SPP839-073C	1/2" x 3/8"
SPP839-098C	3/4" x 1/4"
SPP839-099C	3/4" x 3/8"
SPP839-101C	3/4" x 1/2"
SPP839-128C	1" x 1/4"
SPP839-129C	1" x 3/8"
SPP839-130C	1" x 1/2"
SPP839-131C	1" x 3/4"
SPP839-166C	1 1/4" x 1/2"
SPP839-167C	1 1/4" x 3/4"
SPP839-168C	1 1/4" x 1"
SPP839-209C	1 1/2" x 1/2"
SPP839-210C	1 1/2" x 3/4"
SPP839-211C	1 1/2" x 1"
SPP839-212C	1 1/2" x 1 1/4"
SPP839-249C	2" x 1"
SPP839-250C	2" x 1 1/4"
SPP839-251C	2" x 1 1/2"
SPP839-292C	2 1/2" x 2"
-	3" x 1 1/2"
-	3" x 2"
-	3" x 2 1/2"
-	4" x 2"
-	4" x 3"



STREET TEE
(SPIG x Soc x Soc)



No.	Spig x Soc x Soc
SPP844-005C	1/2"
SPP844-007C	3/4"
SPP844-010C	1"
SPP844-012C	1 1/4"
SPP844-015C	1 1/2"
SPP844-020C	2"



CAP
(Soc)



No.	Soc
SPP847-007C	3/4"
SPP847-015C	1 1/2"
SPP847-020C	2"
SPP847-025C	2 1/2"
SPP847-030C	3"
-	4"
-	6"
-	8"



CAP
(FPT)



No.	FPT
SPP848-007C	3/4"
SPP848-010C	1"



PLUG
(MPT)



No.	MPT
SPP850-002C	1/4"
SPP850-007C	3/4"
SPP850-010C	1"
SPP850-015C	1 1/2"
SPP850-020C	2"
SPP850-025C	2 1/2"
-	3"



ADAPTER
(SPIG x MPT)



No.	Spig x MPT
SPP861-005C	1/2" x 1/2"
SPP861-007C	3/4" x 3/4"
SPP861-010C	1" x 1"
SPP861-012C	1 1/4" x 1 1/2"
SPP861-015C	1 1/2" x 1 1/2"
SPP861-020C	2" x 2"



"Y"
(Soc x Soc x Soc)



- 1/2" - 2" 235 PSI Max @ 73°F
- 3" - 6" 150 PSI Max @ 73°F
- 8" - larger 100 PSI Max @ 73°F

No.	Soc x Soc x Soc
SPP875-005C	1/2" x 1/2" x 1/2"
SPP875-007C	3/4" x 3/4" x 3/4"
SPP875-010C	1" x 1" x 1"
SPP875-015C	1 1/2" x 1 1/2" x 1 1/2"
SPP875-020C	2" x 2" x 2"
-	3" x 3" x 3"
-	4" x 4" x 4"



ADAPTER
(SPIG x SRFPT)



No.	Spig x SRFPT
SPP878-005CSR	1/2" x 1/2"
SPP878-010CSR	1" x 1"
SPP878-012CSR	1 1/4" x 1 1/4"
SPP878-015CSR	1 1/2" x 1 1/2"
SPP878-020CSR	2" x 2"
-	3" x 3"



REDUCING ADAPTER
(SPIG x SRFPT)



No.	Spig x SRFPT
SPP878-072CSR	1/2" x 1/4"
SPP878-098CSR	3/4" x 1/4"
SPP878-128CSR	1" x 1/4"



ONE PIECE FLANGE
(Soc)

No.	Soc
SPP851-005C	1/2"
SPP851-007C	3/4"
SPP851-010C	1"
SPP851-012C	1 1/4"
SPP851-015C	1 1/2"
SPP851-020C	2"
SPP851-025C	2 1/2"
SPP851-030C	3"
-	4"
-	6"
-	8"



ONE PIECE FLANGE
(SRFPT)

No.	SRFPT
SPP852-005CSR	1/2"
SPP852-007CSR	3/4"
SPP852-010CSR	1"
SPP852-012CSR	1 1/4"
SPP852-015CSR	1 1/2"
SPP852-020CSR	2"
SPP852-025CSR	2 1/2"
SPP852-030CSR	3"
SPP852-040CSR	4"



FLANGE VAN STONE STYLE
With plastic ring
(Soc)

No.	Soc
SPP854-005C	1/2"
SPP854-007C	3/4"
SPP854-010C	1"
SPP854-012C	1 1/4"
SPP854-015C	1 1/2"
SPP854-020C	2"
SPP854-025C	2 1/2"
SPP854-040C	4"
SPP854-060C	6"
SPP854-080C	8"



UNION
(Soc x FPT)
• Viton Seal
• Max 235 PSI @ 73°F

No.	Soc x FPT
SPP8059-007C	3/4"
SPP8059-010C	1"
SPP8059-020C	2"
SPP8059-025C	2 1/2"
-	3"
-	4"



UNION
(Soc)
• Viton Seal
• Max 235 PSI @ 73°F

No.	Soc x Soc
SPP8057-005C	1/2"
SPP8057-010C	1"
SPP8057-012C	1 1/4"
SPP8057-015C	1 1/2"
SPP8057-020C	2"
SPP8057-025C	2 1/2"
SPP8057-030C	3"



UNION
(FPT x FPT)
• Viton Seal
• Max 235 PSI @ 73°F

No.	FPT x FPT
SPP898-002C	1/4"
SPP858-003C	3/8"
SPP8058-005C	1/2"
SPP8058-007C	3/4"
SPP8058-010C	1"
SPP8058-012C	1 1/4"
SPP8058-015C	1 1/2"
SPP8058-025C	2 1/2"



UNION
(SRFPT)
• Viton Seal
• Max 235 PSI @ 73°F

No.	SRFPT
SPP8058-005CSR	1/2"
SPP8058-007CSR	3/4"
SPP8058-010CSR	1"
SPP8058-012CSR	1 1/4"
SPP8058-015CSR	1 1/2"
SPP8058-020CSR	2"
SPP8058-030CSR	3"
SPP8058-040CSR	4"

1/4" CPVC NIPPLES

No.	Size
SPP880-015C	1/4" x 1 1/2"

3/8" CPVC NIPPLES

No.	Size
SPP881-060C	3/8" x 6"

1/2" CPVC NIPPLES

No.	Size
SPP882-005C	1/2" x Close
SPP882-015C	1/2" x 1 1/2"
SPP882-020C	1/2" x 2"
SPP882-040C	1/2" x 4"

3/4" CPVC NIPPLES

No.	Size
SPP883-015C	3/4" x 1 1/2"
SPP883-020C	3/4" x 2"
SPP883-025C	3/4" x 2 1/2"
SPP883-030C	3/4" x 3"
SPP883-035C	3/4" x 3 1/2"
SPP883-040C	3/4" x 4"
SPP883-045C	3/4" x 4 1/2"
SPP883-050C	3/4" x 5"
SPP883-055C	3/4" x 5 1/2"
SPP883-060C	3/4" x 6"

1" CPVC NIPPLES

No.	Size
SPP884-005C	1" x Close
SPP884-020C	1" x 2"
SPP884-025C	1" x 2 1/2"
SPP884-030C	1" x 3"
SPP884-035C	1" x 3 1/2"
SPP884-040C	1" x 4"
SPP884-045C	1" x 4 1/2"
SPP884-050C	1" x 5"
SPP884-055C	1" x 5 1/2"
SPP884-060C	1" x 6"

1 1/4" CPVC NIPPLES

No.	Size
SPP885-005C	1 1/4" x Close
SPP885-035C	1 1/4" x 3 1/2"
SPP885-040C	1 1/4" x 4"
SPP885-045C	1 1/4" x 4 1/2"
SPP885-060C	1 1/4" x 6"

1 1/2" CPVC NIPPLES

No.	Size
SPP886-005C	1 1/2" x Close
SPP886-020C	1 1/2" x 2"
SPP886-025C	1 1/2" x 2 1/2"
SPP886-030C	1 1/2" x 3"
SPP886-035C	1 1/2" x 3 1/2"
SPP886-040C	1 1/2" x 4"
SPP886-045C	1 1/2" x 4 1/2"
SPP886-050C	1 1/2" x 5"
SPP886-055C	1 1/2" x 5 1/2"
SPP886-060C	1 1/2" x 6"

2" CPVC NIPPLES

No.	Size
SPP887-005C	2" x Close
SPP887-035C	2" x 3 1/2"
SPP887-050C	2" x 5"
SPP887-055C	2" x 5 1/2"
SPP887-060C	2" x 6"

2 1/2" CPVC NIPPLES

No.	Size
SPP888-045C	2 1/2" x 4 1/2"
SPP888-050C	2 1/2" x 5"
SPP888-055C	2 1/2" x 5 1/2"
SPP888-060C	2 1/2" x 6"

3" CPVC NIPPLES

No.	Size
SPP889-005C	3" x Close

4" CPVC NIPPLES

No.	Size
SPP890-040C	4" x 4"
SPP890-045C	4" x 4 1/2"
-	4" x 5"
-	4" x 5 1/2"
-	4" x 6"

NYLON INSERT FITTINGS FOR POLY PIPE

- Nylon has good resistance to a broad range of chemicals including most agricultural chemicals, ammonium compounds, detergents, diesel fuel, ethanol, & gasoline.
- Do not use with acids
- Working pressure: 150 PSI at 70°F
- Absorbs water and swells in size when in use. When dry will shrink in size causing some fittings to leak.

NYLON INSERT MALE ADAPTER

No.	MPT x Insert
SPP8541N	1/2" x 1/2"
SPP8542N	3/4" x 3/4"
SPP8543N	1" x 1"
SPP8544N	1 1/4" x 1 1/4"
SPP8545N	1 1/2" x 1 1/2"
SPP8546N	2" x 2"

NYLON INSERT COUPLING

No.	Insert
SPP8570N	1/2" x 1/2"
SPP8571N	3/4" x 3/4"
SPP8572N	1" x 1"
SPP8573N	1 1/4" x 1 1/4"
SPP8574N	1 1/2" x 1 1/2"
SPP8575N	2" x 2"

NYLON INSERT ELBOW

No.	Insert
SPP8591N	1/2" x 1/2"
SPP8592N	3/4" x 3/4"
SPP8593N	1" x 1"
SPP8594N	1 1/4" x 1 1/4"
SPP8595N	1 1/2" x 1 1/2"
SPP8596N	2" x 2"

NYLON INSERT TEES

No.	Insert
SPP8606N	1/2" x 1/2" x 1/2"
SPP8607N	3/4" x 3/4" x 3/4"
SPP8608N	1" x 1" x 1"
SPP8609N	1 1/4" x 1 1/4" x 1 1/4"
SPP8610N	1 1/2" x 1 1/2" x 1 1/2"
SPP8611N	2" x 2" x 2"

NYLON COMBINATION ELBOW

No.	MPT x Insert
SPP8677N	1/2" x 1/2"
SPP8678N	3/4" x 3/4"
SPP8679N	1" x 1"
SPP8680N	1 1/4" x 1 1/4"
SPP8681N	1 1/2" x 1 1/2"

- PVC is a very stable material. Unlike nylon it does not absorb moisture when in use, with the resulting enlarging of the fitting.
- Pressure to 150 PSI at 73°F
- Good chemical resistance

PVC INSERT MALE ADAPTER

No.	MPT x Insert
SPP8541V	1/2" x 1/2"
SPP8542V	3/4" x 3/4"
SPP8543V	1" x 1"
SPP8544V	1 1/4" x 1 1/4"
SPP8545V	1 1/2" x 1 1/2"
SPP8546V	2" x 2"
SPP8547V	2 1/2" x 2 1/2"
SPP8548V	3" x 3"
SPP8549V	4" x 4"

PVC REDUCING MALE ADAPTER

No.	MPT x Insert
SPP8550V	3/4" x 1/2"
SPP8551V	1" x 3/4"
SPP8552V	1 1/4" x 3/4"
SPP8553V	1 1/4" x 1"
SPP8554V	1 1/2" x 1"
SPP8555V	1 1/2" x 1 1/4"
SPP8556V	2" x 1 1/2"

PVC INCREASING MALE ADAPTER

No.	MPT x Insert
SPP8558V	1/2" x 3/4"
SPP8557V	1/2" x 1"
SPP8559V	3/4" x 1"
SPP8560V	1" x 1 1/4"
SPP8561V	1" x 1 1/2"
SPP8562V	1 1/4" x 1 1/2"
SPP8563V	1 1/2" x 2"

PVC FEMALE ADAPTER

No.	FPT x Insert
SPP8711V	1/2" x 1/2"
SPP8712V	3/4" x 3/4"
SPP8713V	1" x 1"
SPP8714V	1 1/4" x 1 1/4"
SPP8715V	1 1/2" x 1 1/2"
SPP8716V	2" x 2"

PVC INSERT PLUG

No.	Insert
SPP8718V	1/2"
SPP8719V	3/4"
SPP8720V	1"
SPP8721V	1 1/4"
SPP8722V	1 1/2"
SPP8723V	2"

PVC INSERT COUPLING

No.	Insert x Insert
SPP8570V	1/2" x 1/2"
SPP8571V	3/4" x 3/4"
SPP8572V	1" x 1"
SPP8573V	1 1/4" x 1 1/4"
SPP8574V	1 1/2" x 1 1/2"
SPP8575V	2" x 2"
SPP8577V	3" x 3"
SPP8578V	4" x 4"

PVC REDUCING COUPLING

No.	Insert x Insert
SPP8579V	3/4" x 1/2"
SPP8580V	1" x 1/2"
SPP8581V	1" x 3/4"
SPP8582V	1 1/4" x 3/4"
SPP8583V	1 1/4" x 1"
SPP8584V	1 1/2" x 3/4"
SPP8585V	1 1/2" x 1"
SPP8586V	1 1/2" x 1 1/4"
SPP8587V	2" x 1"
SPP8588V	2" x 1 1/4"
SPP8589V	2" x 1 1/2"

PVC INSERT ELBOW

No.	Insert x Insert
SPP8591V	1/2" x 1/2"
SPP8592V	3/4" x 3/4"
SPP8593V	1" x 1"
SPP8594V	1 1/4" x 1 1/4"
SPP8595V	1 1/2" x 1 1/2"
SPP8596V	2" x 2"
-	2 1/2" x 2 1/2"
SPP8598V	3" x 3"

PVC REDUCING ELBOW

No.	Insert x Insert
SPP8599V	3/4" x 1/2"
SPP8600V	1" x 3/4"
SPP8601V	1 1/4" x 1"
SPP8602V	1 1/2" x 1 1/4"
SPP8603V	2" x 1 1/2"

PVC COMBINATION ELBOW

No.	FPT x Insert
SPP8689V	1/2" x 1/2"
SPP8691V	3/4" x 3/4"
SPP8694V	1" x 1"
SPP8698V	1 1/4" x 1 1/4"
SPP8701V	1 1/2" x 1 1/2"
SPP8703V	2" x 2"

PVC SWIMMING POOL ELBOW

No.	MPT x Spig
SPP8569V	1 1/2" x 1 1/4"
SPP8564V	1 1/2" x 1 1/2"

PVC SWIMMING POOL ADAPTER

No.	MPT x Spig
SPP8565V	1 1/4" x 1 1/4"
SPP8566V	1 1/2" x 1 1/4"
SPP8567V	1 1/2" x 1 1/2"
SPP8568V	1 1/2" x 1 1/2" x 1 1/2"

POLY COMBINATION & INCREASING ELBOW

No.	FPT x Insert
SPP8690V	1/2" x 3/4"
SPP8692V	1/2" x 1"
SPP8695V	1/2" x 1 1/4"
SPP8696V	3/4" x 1 1/4"
SPP8697V	1" x 1 1/4"
SPP8699V	1" x 1 1/2"
SPP8700V	1 1/4" x 1 1/2"
SPP8702V	1 1/2" x 2"

PVC INSERT TEES

No.	Ins x Ins x Ins
SPP8606V	1/2" x 1/2" x 1/2"
SPP8607V	3/4" x 3/4" x 3/4"
SPP8608V	1" x 1" x 1"
SPP8609V	1 1/4" x 1 1/4" x 1 1/4"
SPP8610V	1 1/2" x 1 1/2" x 1 1/2"
SPP8611V	2" x 2" x 2"
SPP8612V	3" x 3" x 3"

PVC COMBO TEES

No.	Ins x Ins x MPT
SPP8670V	1/2" x 1/2" x 1/2"
SPP8671V	3/4" x 3/4" x 3/4"
SPP8672V	1" x 1" x 1"
SPP8673V	1 1/4" x 1 1/4" x 1 1/4"
SPP8674V	1 1/2" x 1 1/2" x 1 1/2"



PVC REDUCING TEES

(Insert x Insert x Insert)

No.	Insert
SPP8616V	3/4" x 3/4" x 1/2"
SPP8617V	3/4" x 3/4" x 1"
SPP8619V	1" x 3/4" x 3/4"
SPP8620V	1" x 1" x 1/2"
SPP8621V	1" x 1" x 3/4"
SPP8622V	1" x 1" x 1 1/4"
SPP8625V	1 1/4" x 1" x 1"
SPP8627V	1 1/4" x 1 1/4" x 3/4"
SPP8628V	1 1/4" x 1 1/4" x 1"
SPP8630V	1 1/2" x 1 1/4" x 1"
SPP8632V	1 1/2" x 1 1/2" x 1/2"
SPP8633V	1 1/2" x 1 1/2" x 3/4"
SPP8634V	1 1/2" x 1 1/2" x 1"
SPP8635V	1 1/2" x 1 1/2" x 1 1/4"
SPP8637V	2" x 2" x 1 1/2"



PVC COMBINATION TEES

(Insert x Insert x FPT)

No.	Ins x Ins x FPT
SPP8640V	1/2" x 1/2" x 1/2"
SPP8643V	3/4" x 3/4" x 3/4"
SPP8648V	1" x 1" x 1"
SPP8654V	1 1/4" x 1 1/4" x 1 1/4"
SPP8662V	1 1/2" x 1 1/2" x 1 1/2"
SPP8667V	2" x 2" x 2"



PVC COMBINATION INSERT ELBOW

(MPT x Insert)

No.	MPT x Insert
SPP8677V	1/2" x 1/2"
SPP8678V	3/4" x 3/4"
SPP8679V	1" x 1"
SPP8680V	1 1/4" x 1 1/4"
SPP8681V	1 1/2" x 1 1/2"
SPP8682V	2" x 2"



PVC INSERT CROSS

No.	Insert
SPP8707V	3/4"
SPP8708V	1"



PVC COMBINATION AND REDUCING TEES

(Insert x Insert x FPT)

No.	Ins x Ins x FPT
SPP8642V	3/4" x 3/4" x 1/2"
-	1" x 3/4" x 3/4"
SPP8646V	1" x 1" x 1/2"
SPP8647V	1" x 1" x 3/4"
SPP8649V	1 1/4" x 1" x 1/2"
SPP8651V	1 1/4" x 1 1/4" x 1/2"
SPP8652V	1 1/4" x 1 1/4" x 3/4"
SPP8653V	1 1/4" x 1 1/4" x 1"
SPP8656V	1 1/2" x 1 1/4" x 3/4"
SPP8658V	1 1/2" x 1 1/2" x 1/2"
SPP8659V	1 1/2" x 1 1/2" x 3/4"
SPP8660V	1 1/2" x 1 1/2" x 1"
SPP8661V	1 1/2" x 1 1/2" x 1 1/4"
SPP8663V	2" x 2" x 1/2"
SPP8664V	2" x 2" x 3/4"
SPP8665V	2" x 2" x 1"
SPP8666V	2" x 2" x 1 1/2"

Polypropylene Insert Fittings

- Inexpensive
- Pressure to 100 PSI at 70°F

- Excellent Chemical Resistance
- Max. Temp. 185°F at Low Pressure

- No Water Absorption



POLY MALE ADAPTER

(MPT x Insert)

No.	MPT x Insert
SPP8541	1/2" x 1/2"
SPP8542	3/4" x 3/4"
SPP8543	1" x 1"
SPP8544	1 1/4" x 1 1/4"
SPP8545	1 1/2" x 1 1/2"
SPP8546	2" x 2"



POLY INSERT ELBOW

(Insert x Insert)

No.	Insert x Insert
SPP8591	1/2" x 1/2"
SPP8592	3/4" x 3/4"
SPP8593	1" x 1"
SPP8594	1 1/4" x 1 1/4"
SPP8595	1 1/2" x 1 1/2"
SPP8596	2" x 2"



POLY COMBINATION ELBOW

(MPT x Insert)

No.	MPT x Insert
SPP8677	1/2" x 1/2"
SPP8678	3/4" x 3/4"
SPP8679	1" x 1"
SPP8681	1 1/2" x 1 1/2"



POLY INSERT COUPLING

(Insert x Insert)

No.	Insert x Insert
SPP8570	1/2" x 1/2"
SPP8571	3/4" x 3/4"
SPP8572	1" x 1"
SPP8573	1 1/4" x 1 1/4"
SPP8574	1 1/2" x 1 1/2"
SPP8575	2" x 2"



POLY INSERT TEE

(Insert x Insert x Insert)

No.	Insert
SPP8606	1/2" x 1/2" x 1/2"
SPP8607	3/4" x 3/4" x 3/4"
SPP8608	1" x 1" x 1"
SPP8609	1 1/4" x 1 1/4" x 1 1/4"
SPP8610	1 1/2" x 1 1/2" x 1 1/2"
SPP8611	2" x 2" x 2"



POLY CUTOFF NIPPLE

Can be cut to a 3" nipple

No.	Size
SPP8725	1/2" x 6"



SWAGED BRONZE ADAPTERS

No.	MPT x Insert
SPP8541B2	1/2" x 1/2"
SPP8542B2	3/4" x 3/4"
SPP8543B2	1" x 1"
SPP8554B2	1 1/4" x 1 1/4"
SPP8562B2	1 1/4" x 1 1/2"
SPP8545B2	1 1/2" x 1 1/2"
SPP8546B2	2" x 2"
SPP8547B2	2 1/2" x 2 1/2"
SPP8548B2	3" x 3"



BRONZE ADAPTER

No.	MPT x Insert
SPP8541B	1/2" x 1/2"
SPP8542B	3/4" x 3/4"
SPP8559B	3/4" x 1"
SPP8543B	1" x 1"
SPP8560B	1" x 1 1/4"
SPP8561B	1" x 1 1/2"
SPP8553B	1 1/4" x 1"
SPP8544B	1 1/4" x 1 1/4"
SPP8562B	1 1/4" x 1 1/2"
SPP8545B	1 1/2" x 1 1/2"
SPP8546B	2" x 2"



BRONZE INSERT COUPLER

No.	Insert x Insert
SPP8570B	1/2" x 1/2"
SPP8571B	3/4" x 3/4"
SPP8572B	1" x 1"
SPP8573B	1 1/4" x 1 1/4"
SPP8574B	1 1/2" x 1 1/2"
SPP8575B	2" x 2"
SPP8576B	2 1/2" x 2 1/2"
SPP8577B	3" x 3"



BRONZE ROPE LUG ADAPTER

No.	MPT x Insert
SPP8543BR	1" x 1"
SPP8544BR	1 1/4" x 1 1/4"



BRONZE INSERT ELBOW

No.	Insert x Insert
SPP8592B	3/4" x 3/4"
SPP8593B	1" x 1"
SPP8594B	1 1/4" x 1 1/4"



BRONZE LONG ADAPTER

No.	MPT x Insert
SPP8543BL	1" x 1"
SPP8553BL	1 1/4" x 1"
SPP8544BL	1 1/4" x 1 1/4"
SPP8545BL	1 1/2" x 1 1/2"
SPP8546BL	2" x 2"



BRONZE ADAPTER

1/4" Gauge Port
Gauge not included

No.	MPT x Insert
SPP8730B	1" x 1"



BRONZE HYDRANT COMBINATION ELBOW

No.	MPT x Insert
SPP8676B	3/4" x 1"
SPP8679B	1" x 1"
SPP8683B	3/4" x 1" & 1 1/4"
SPP8684B	1" x 1" & 1 1/4"

* Inserts are stepped to fit 1" & 1 1/4" poly pipe.



BRONZE FEMALE ADAPTER

No.	FPT x Insert
SPP8712B	3/4"
SPP8713B	1"
SPP8714B	1 1/4"
SPP8715B	1 1/2"



BRONZE HYDRANT TEE

No.	Insert x Insert x MPT
SPP8669B	1" x 1" x 3/4"
SPP8672B	1" x 1" x 1"



BRONZE CAST HYDRANT ELBOW

1/4" Gauge Port
Gauge not included

No.	MPT x Insert
SPP8735B	1" x 1"
SPP8736B	3/4" x 1"



BRONZE INSERT TEE

No.	Insert
SPP8607B	3/4"
SPP8608B	1"
SPP8609B	1 1/4"
SPP8610B	1 1/2"



GALVANIZED INSERT COUPLER

No.	Insert x Insert
SPP8570G	1/2"
SPP8571G	3/4"
SPP8572G	1"
SPP8573G	1 1/4"
SPP8574G	1 1/2"
SPP8575G	2"
SPP8576G	2 1/2"
SPP8577G	3"
SPP8578G	4"



GALVANIZED INSERT ADAPTER

No.	MPT x Insert
SPP8541G	1/2" x 1/2"
SPP8542G	3/4" x 3/4"
SPP8543G	1" x 1"
SPP8544G	1 1/4" x 1 1/4"
SPP8545G	1 1/2" x 1 1/2"
SPP8546G	2" x 2"
SPP8547G	2 1/2" x 2 1/2"
SPP8548G	3" x 3"
SPP8549G	4" x 4"



#304 STAINLESS STEEL INSERTS

Standard Insert

No.	MPT	Insert
SPP8542CS	3/4"	3/4"
SPP8543CS	1"	1"
SPP8553CS	1 1/4"	1"
SPP8544CS	1 1/4"	1 1/4"



#304 STAINLESS STEEL INSERTS

Extra Long Insert

No.	MPT	Insert
SPP8543CSL	1"	1"

BOURDON TUBE - NOT FOR OXYGEN



1 1/2" DRY GAUGE

- 1/8" Brass back mount
- Painted steel case
- Acrylic window
- Bourdon tube
- Operating Temp. -40°C to 60°C
- Accuracy 3% - 2% - 3% Grade B
- Not for use with oxygen

No.	PSI	Incr.
SPPG-08-30	0-30	1/2
SPPG-08-60	0-60	1
SPPG-08-100	0-100	2
SPPG-08-160	0-160	5
SPPG-08-200	0-200	5



2" DRY GAUGE

- 1/4" Brass lower mount
- ABS Plastic case
- Acrylic window
- Not for use with oxygen
- Accuracy 3% - 2% - 3% Grade B
- Oper. Temp. -40°C to 60°C

No.	PSI	Incr.
SPPG-07-30	0-30	1/2
SPPG-07-60	0-60	1/2
SPPG-07-100	0-100	2
SPPG-07-200	0-200	2



2" DRY GAUGE

- 1/4" Center back mount
- Painted steel case
- Acrylic window
- Oper. Temp. -40°C to 60°C
- Not for use with oxygen

No.	PSI	kPa	Incr.
SPPG-10-30	0-30	0-200	1/2
SPPG-10-60	0-60	0-400	1
SPPG-10-100	0-100	0-700	2
SPPG-10-160	0-160	0-1100	5
SPPG-10-200	0-200	0-1400	5



2" DRY GAUGE

- 1/8" Lower brass mount
- Steel case
- Oper. Temp. -40°C to 60°C
- Accuracy: 3% - 2%
- Bourdon tube
- Not for use with oxygen

No.	PSI	Incr.
SPPG-14-100	0-100	2



2" DRY GAUGE

- 1/4" Lower brass mount
- Painted steel case
- Acrylic window
- Oper. Temp. -40°C to 60°C
- Accuracy: 3% - 2%
- Bourdon tube
- Not for use with oxygen

No.	PSI	Incr.
SPPG-09-15	0-15	1/4
SPPG-09-30	0-30	1/2
SPPG-09-60	0-60	1
SPPG-09-100	0-100	2
SPPG-09-160	0-160	5
SPPG-09-200	0-200	2
SPPG-09-300	0-300	10
SPPG-09-400	0-400	8
SPPG-09-600	0-600	20

Vacuum Gauge

SPPG-09-30-0	30-0-HG	1/2
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Vacuum Pressure

SPPG-09-30-30	30-0-30	1
SPPG-09-30-0-150	30-0-150	3



2" DRY GAUGE

- Acrylic window
- Accuracy: 3% - 2%
- Bourdon tube
- Not for use with oxygen
- 1/8" Center back mount
- Operating Temp. -40°C to 60°C

No.	PSI	Case	Incr.
SPPG-13-100	0-100	Metal	2



2 1/2" DRY GAUGE

- 1/4" Brass lower mount
- Dual scale
- Painted steel case
- Acrylic window
- Accuracy: 3% - 2% Grade B
- Bourdon tube
- Operating Temp. -40°C to 60°C

No.	PSI	kPa	Incr.
SPPG-11-15	0-15	0-100	1/5
SPPG-11-30	0-30	0-200	1/2
SPPG-11-60	0-60	0-400	1
SPPG-11-100	0-100	0-700	1
SPPG-11-160	0-160	0-1100	5
SPPG-11-200	0-200	0-1400	2
SPPG-11-300	0-300	0-2100	5
SPPG-11-400	0-400	0-2800	10
SPPG-11-600	0-600	0-4000	10



2" DRY GAUGE

- 1/4" Brass center back mount
- Plastic case
- Window glass
- Oper. Temp. -40°C to 60°C
- Accuracy: 3% - 2% Grade B
- Bourdon tube
- Not for use with oxygen

No.	PSI	Incr.
SPPG-19-60	0-60	1

4" DRY GAUGE



- 1/4" Copper lower mount
- Painted steel case
- Acrylic window
- Oper. Temp. -20°C to 60°C
- Accuracy: ±1-1/2 %
- Bourdon tube
- Dual range
- Not for use with oxygen

No.	PSI	kPa	Incr.
SPPG-15-30	0-30	0-200	1/2
SPPG-15-60	0-60	0-400	1
SPPG-15-100	0-100	0-700	1
SPPG-15-160	0-160	0-1100	2
SPPG-15-200	0-200	0-1400	2
SPPG-15-300	0-300	0-2100	5
SPPG-15-400	0-400	0-2800	5
-	0-600	0-4000	10



4 1/2" CONTRACTOR GAUGE

- Bourdon tube
- Readjustable pointer
- Window: clear acrylic
- Accuracy: ±1% Full Scale -
- Exception - 3000 over ± 2%
- 1/4" Copper alloy lower mount
- 304 Stainless steel case & bezel
- Gauges 15 to 600 PSI Threaded for restrictor screw (Not Included)
- Gauges 1000+ PSI have restrictor screw
- Operating Temp. -20°C to 60°C

No.	PSI	kPa	Incr.
SPPG-01-15	0-15	0-100	0.2
SPPG-01-30	0-30	0-200	0.5
SPPG-01-60	0-60	0-400	1
SPPG-01-100	0-100	0-700	1
SPPG-01-160	0-160	0-1100	2
SPPG-01-200	0-200	0-1400	2
SPPG-01-300	0-300	0-2100	5
SPPG-01-400	0-400	0-2800	5
SPPG-01-600	0-600	0-4000	10
SPPG-01-1000	0-1000	0-7000	20

2 1/2" GAUGE LIQUID FILLED



- Use when vibrations or pulsation is a problem
- 1/4" Center back mount
- 304 Stainless Steel case
- Bourdon tube
- Window: clear acrylic
- Temp: -40°C to 60°C
- Gauges 1000+ PSI have restrictor screw
- Accuracy: 1.5% Full Scale

No.	PSI	kPa	Incr.
SPPG-18-15	0-15	0-100	1/5
SPPG-18-30	0-30	0-200	1/2
SPPG-18-60	0-60	0-400	1
SPPG-18-100	0-100	0-700	2
SPPG-18-160	0-160	0-1100	2
SPPG-18-200	0-200	0-1400	5
SPPG-18-300	0-300	0-2100	5
SPPG-18-400	0-400	0-2800	10
SPPG-18-600	0-600	0-4000	10
SPPG-18-1000	0-1000	0-7000	20
SPPG-18-1500	0-1500	0-10000	20
SPPG-18-2000	0-2000	0-14000	50
SPPG-18-3000	0-3000	0-21000	50
SPPG-18-5000	0-5000	0-35000	100
SPPG-18-10000	0-10000	0-70000	200
SPPG-27-100	0-100	0-700	-
Vacuum Gauge			
SPPG-18-30-OHG	30-OHG	-	-
Vacuum / Pressure Gauge			
SPPG-18-30-0-30	30-0-30	-	-
SPPG-18-30-0-150	30-0-150	-	-

4" GAUGE LIQUID FILLED



- 1/4" Lower mount
- Stainless Steel case
- Use when vibrations or pulsation occurs
- Accuracy: 1.5 % Full scale
- Connection 1/4" copper alloy
- Window: clear acrylic
- Temp: -20°C to 60°C
- Gauges 1000+ PSI have restrictor screw
- Bourdon Tube

No.	PSI	kPa	Incr.
SPPG-17-15	0-15	0-100	1/5
SPPG-17-30	0-30	0-200	1/2
SPPG-17-60	0-60	0-400	1
SPPG-17-100	0-100	0-700	2
SPPG-17-160	0-160	0-1100	2
SPPG-17-200	0-200	0-1400	5
SPPG-17-300	0-300	0-2100	5
SPPG-17-400	0-400	0-2800	10
SPPG-17-600	0-600	0-4000	10
SPPG-17-1000	0-1000	0-7000	20
SPPG-17-1500	0-1500	0-10000	20
SPPG-17-2000	0-2000	0-14000	50
SPPG-17-3000	0-3000	0-21000	50
SPPG-17-5000	0-5000	0-35000	100
SPPG-17-10000	0-10000	0-70000	200

2 1/2" LIQUID GAUGE



- Window: glass
- Bourdon tube
- 1/4" Brass lower mount
- 304 Stainless Steel case
- Temp: Ambient -20°C to 60°C

No.	PSI	Incr.
SPP85.300.060	60	2
SPP85.300.100	100	2
SPP85.300.160	160	2
SPP85.300.200	200	5
SPP85.300.300	300	10
SPP85.300.600	600	20
SPP85.301.000	1000	20
SPP85.302.000	2000	50
SPP85.303.000	3000	100
SPP85.305.000	5000	200

2" LIQUID GAUGE



- 1/4" Brass lower mount
- Black steel case
- Window: clear acrylic
- Temp: -40°C to 60°C
- Bourdon tube

No.	PSI
SPPG-02-30	0-30
SPPG-02-60	0-60
SPPG-02-100	0-100
SPPG-02-160	0-160
SPPG-02-200	0-200
Vacuum / Pressure	
SPPG-02-30-0-30	30-0-30

ALL STAINLESS STEEL CASE & WETTED PARTS FOR USE WITH AMMONIA OR OXYGEN

2 1/2" LIQUID FILLED GAUGE For use with Ammonia or Oxygen



- 1/4" Lower mount
- All Stainless Steel
- Acrylic window
- Temp: -40°C to 60°C
- Bourdon tube
- Dual scale

No.	PSI	kPa	Incr.
SPPG-03-15	0-15	0-100	1
SPPG-03-30	0-30	0-200	1/2
SPPG-03-60	0-60	0-400	1
SPPG-03-100	0-100	0-700	2
SPPG-03-160	0-160	0-1100	2
SPPG-03-200	0-200	0-1400	5
SPPG-03-300	0-300	0-2100	5
SPPG-03-400	0-400	0-2800	20
SPPG-03-1000	0-1000	0-7000	20
SPPG-03-1500	0-1500	0-10000	20
SPPG-03-2000	0-2000	0-14000	50
SPPG-03-3000	0-3000	0-21000	50
SPPG-03-5000	0-5000	0-35000	100
SPPG-03-10000	0-10000	0-70000	200
Vacuum / Pressure Gauge			
SPPG-03-30-30	30-30	-	2
Vacuum Gauge			
SPPG-03-30-0	30-0	-	1

2 1/2" LIQUID FILLED GAUGE For use with Ammonia or Oxygen



- 1/4" Center back mount
- 304 stainless steel case
- Acrylic window
- Bourdon tube
- Temp: Ambient -40°C to 60°C
- 316 SS wetted parts
- Dual scale

No.	PSI	kPa	Incr.
SPPG-04-15	0-15	0-100	1
SPPG-04-30	0-30	0-200	1/2
SPPG-04-60	0-60	0-400	1
SPPG-04-100	0-100	0-700	2
SPPG-04-160	0-160	0-1100	2
SPPG-04-200	0-200	0-1400	5
SPPG-04-400	0-400	0-2800	20
SPPG-04-600	0-600	0-4000	10
SPPG-04-1000	0-1000	0-7000	20
SPPG-04-1500	0-1500	0-10000	20
SPPG-04-2000	0-2000	0-14000	50
SPPG-04-3000	0-3000	0-21000	50
SPPG-04-5000	0-5000	0-35000	100
SPPG-04-10000	0-10000	0-70000	200
Vacuum / Pressure Gauge			
SPPG-04-30-30	30-30	-	2
Vacuum Gauge			
SPPG-04-30-0	30-0	-	1

2 1/2" LIQUID GAUGE



- 1/4" Lower mount
- Bourdon Tube
- Stainless Steel Case
- Temp: -40°C to 60°C
- Window: Clear acrylic
- Connection 1/4" copper alloy

No.	PSI	kPa	Incr.
SPPG-16-15	0-15	0-100	1/5
SPPG-16-30	0-30	0-200	1/2
SPPG-16-60	0-60	0-400	1
SPPG-16-100	0-100	0-700	2
SPPG-16-160	0-160	0-1100	2
SPPG-16-200	0-200	0-1400	5
SPPG-16-300	0-300	0-2100	5
SPPG-16-400	0-400	0-2800	20
SPPG-16-600	0-600	0-4000	10
SPPG-16-1000	0-1000	0-7000	20
SPPG-16-1500	0-1500	0-10000	20
SPPG-16-2000	0-2000	0-14000	50
SPPG-16-3000	0-3000	0-21000	50
SPPG-16-4000	0-4000	0-28000	100
SPPG-16-5000	0-5000	0-35000	100
SPPG-16-10000	0-10000	0-70000	200
Vacuum Gauge			
SPPG-16-30-OHG	30-OHG	-	1/2
Vacuum / Pressure Gauge			
SPPG-16-30-0-30	30-0-30	-	2/1
SPPG-16-30-0-150	30-0-150	-	10/5

AMMONIA GAUGES



- 2 1/2" Dial
- 304 Stainless Steel tube, internals and stem
- Enameled steel case

No.	PSI
SPPASG60	0-60
SPPASG160	0-160
SPPASG400	0-400

AMMONIA GAUGES



- 4" Dial
- 304 Stainless Steel tube, internals and stem
- Enameled steel case

No.	PSI
SPPASG604	0-60
SPPASG1604	0-160
SPPASG4004	0-400

2 1/2" DRY GAUGE



- 1/4" Bottom mount
- 304 Stainless Steel case
- 316 Stainless Steel wetted parts
- Acrylic window
- Accuracy: 1.59 % full scale
- Temp: Ambient -40°C to 60°C; Media: Max 100°C
- Bourdon tube
- Dual scale

No.	PSI	kPa	Incr.
SPPG-05-15	0-15	0-100	1/5
SPPG-05-30	0-30	0-200	1/2
SPPG-05-60	0-60	0-400	1
SPPG-05-100	0-100	0-700	2
SPPG-05-160	0-160	0-1100	2
SPPG-05-200	0-200	0-1400	5
SPPG-05-300	0-300	0-2100	5
SPPG-05-400	0-400	0-2800	10
SPPG-05-600	0-600	0-4000	10
SPPG-05-1000	0-1000	0-7000	20
SPPG-05-1500	0-1500	0-10000	20
SPPG-05-2000	0-2000	0-14000	50
SPPG-05-3000	0-3000	0-21000	50
SPPG-05-5000	0-5000	0-35000	100
SPPG-05-10000	0-10000	0-70000	200
Vacuum Gauge			
SPPG-05-30-30	30-30	-	2
Vacuum / Pressure Gauge			
SPPG-05-30-0	30-0	-	1

2 1/2" DRY GAUGE



- For use with ammonia
- 1/4" Center back mount
- 304 Stainless Steel case
- 316 Stainless Steel wetted parts
- Acrylic window
- Accuracy: 1.59 % full scale
- Temp: Ambient -40°C to 60°C; Media: Max 100°C
- Bourdon Tube
- Dual scale

No.	PSI	kPa	Incr.
SPPG-06-30	0-30	0-200	1/2
SPPG-06-60	0-60	0-400	1
SPPG-06-100	0-100	0-700	2
SPPG-06-160	0-160	0-1100	2
SPPG-06-200	0-200	0-1400	5
SPPG-06-300	0-300	0-2100	5
SPPG-06-600	0-600	0-4000	10
SPPG-06-1000	0-1000	0-7000	20
SPPG-06-1500	0-1500	0-10000	20
SPPG-06-2000	0-2000	0-14000	50
SPPG-06-3000	0-3000	0-21000	50
SPPG-06-10000	0-10000	0-70000	200
Vacuum Gauge			
SPPG-06-30-30	30-30	-	2
Vacuum			
SPPG-06-30-0	30-0	-	1

GAUGE ACCESSORIES

TEEJET GAUGE ISOLATOR



- Used to provide insurance against chemical exposure to the pressure gauge as well as the workplace
- Typical installation: Mounting in the pressure line outside the cab of tractor
- Viton and acetal internal parts
- Requires glycerin or transmission fluid (not included)

No.	FPT
SPP22470A-1/8	1/8"
SPP22470A-1/4	1/4"

GAUGE DAMPENERS



- Protects dry gauges from pulsations and vibration.

No.	Size
SPPB301AB	1/2" FPT x 1/4" MPT

GAUGE PROTECTOR



- For 2 1/2" dial

No.	Size
SPPPG-RC25	2 1/2"

REDUCING COUPLER



- Used to reduce 1/4" gauge connections to 1/8"

No.	Size
SPP120R-1418	1/4" x 1/8"

FACE PLATE



- For 2 1/2" dial
- Back mount only

No.	Size
SPPG-25-F	2 1/2"

U-CLAMP MOUNTING FLANGE



SPPG-25-UC

- Roundup Ready - stainless steel shaft, stainless steel wear ring, and thermoplastic impeller with stainless steel insert
- New Generation Hydraulic Motor Seal - operates at higher back pressures of todays tractors
- Separate Motor and Pump Shafts - allows quick and easy maintenance

EASILY IMPLEMENT A PWM CONTROL SYSTEM ON YOUR EQUIPMENT

- Four new pumps with integrated Pulse Width Modulated (PWM) control
- For use on all closed-center hydraulic systems
- Compatible with popular PWM controllers using industry standard Deutsch controller
- Provides quick rate changes for both constant and variable rate applications
- Pump runs only as fast as needed, minimizing horsepower required and extending pump life
- Two valve design prevents overspeeding while improving linearity of control curve



FMC-HYD-204

Cast iron straight centrifugal pump driven by a hydraulic motor with integral needle valve. Maximum pressure 100 PSI at 4600 RPM and 75 GPM at open discharge. Equipped with restrictor orifice. FPT ports.

0GPM	15GPM	30GPM	45GPM	60GPM	75GPM
100PSI	95PSI	83PSI	55PSI	30PSI	10PSI
80PSI	75PSI	70PSI	45PSI	25PSI	5PSI
60PSI	55PSI	50PSI	35PSI	15PSI	-

No.	Mfg. No.	Motor	In	Out
SPPFMC-HYD-204	FMC-HYD-204	4 GPM	1 1/4"	1"
SPPFMC-HYD-210	FMC-HYD-210	10 GPM	1 1/4"	1"



- Designed for starter fertilizer and small sprayer applications
- Replacement for 12V diaphragm pumps and roller pumps
- All Polypropylene corrosion resistant construction
- Max. 27 GPM
- Max. 100 PSI

No.	Motor	In	Out
SPPFMC-75-HYD-204	4 GPM	1"	3/4"
SPPFMC-75-HYD-206	7 GPM	1"	3/4"

FMC-150FS-HYD-206



FMC-150-HYD-206

Centrifugal pump driven by a 7 GPM hydraulic motor with integral needle valve. Maximum pressure 120 PSI at 5100 RPM and 120 GPM at open discharge. Equipped with restrictor orifice. Available in cast iron or stainless steel.

0GPM	40GPM	60GPM	80GPM	100GPM	120GPM
120PSI	116PSI	112PSI	110PSI	88PSI	53PSI
100PSI	97PSI	92PSI	84PSI	74PSI	46PSI
80PSI	75PSI	70PSI	61PSI	52PSI	20PSI
60PSI	57PSI	52PSI	43PSI	29PSI	-

No.	Ports	In	Out
SPPFMC-150-HYD-206	FPT	1 1/2"	1 1/2"
SPPFMC-150F-HYD-206	Flange	220	200
SPPFMC-150FS-HYD-206	Flange	220	200
SPPFMCSC-150F-HYD-304-PWM	Flange	220	200



- Severe duty silicon-carbide shaft seal standard with o-ring seat for improved survivability
- 316 stainless steel housing
- FPT ports & flanged connections
- Larger bearings for extended life
- Max. 145 GPM
- Max. 120 PSI

No.	In	Out
SPPFMCSC-155FS-HYD-304PWW	220 & 1 1/2" FPT	200 & 1 1/4" FPT



FMC-200-HYD-210

Cast iron straight centrifugal pump driven by a 10 GPM hydraulic motor with integral needle valve. Maximum pressure 80 PSI at 4400 RPM and 180 GPM at open discharge. Equipped with restrictor orifice.

0GPM	60GPM	90GPM	120GPM	150GPM
80PSI	77PSI	74PSI	68PSI	58PSI
60PSI	56PSI	53PSI	47PSI	40PSI
40PSI	39PSI	34PSI	29PSI	-

No.	Ports	In	Out
SPPFMC-200-HYD-210	FPT	2"	1 1/2"



- Severe duty silicon-carbide shaft seal standard with o-ring seat for improved survivability
- FS model has a 316 stainless steel wet end including impeller, volute, and frame
- Larger bearings for extended life
- Max. 240 GPM
- Max. 120 PSI

No.	Motor	In	Out
SPPFMCSC-205F-HYD-304	13 GPM	300	220
SPPFMCSC-205FS-HYD-304	13 GPM	300	220
SPPFMCSC-205F-HYD-304-PWM	13 GPM	300	220
SPPFMCSC-205FS-HYD-304PWW	13 GPM	300	220

FMC-200F-HYD-304



FMC-200-HYD-304

Cast iron straight centrifugal pump driven by a 11 GPM hydraulic motor with integral needle valve. Maximum pressure 120 PSI at 5100 RPM and 200 GPM at open discharge. Equipped with restrictor orifice.

0GPM	40GPM	80GPM	120GPM	160GPM
120PSI	114PSI	100PSI	85PSI	65PSI
100PSI	92PSI	83PSI	68PSI	52PSI
80PSI	76PSI	68PSI	57PSI	43PSI
60PSI	56PSI	50PSI	40PSI	-

No.	Ports	In	Out
SPPFMC-200-HYD-304	FPT	2"	1 1/2"
SPPFMC-200F-HYD-304	Flange	300	220
SPPFMC-200-HYD-300-LM	Ace Centrifugal Pump (Less Motor)		
SPPFMC-200-HYD-310	FPT	2"	1 1/2"



FMC-650-HYD

- Durable e-coat finish provides extra corrosion resistance on inside & outside surfaces
- Impellers designed to develop higher pressure at lower RPM
- Splined motor to pump shaft connection for strength and ease of repair & maintenance
- Max. 160 PSI

No.	Max GPM	In	Out
SPPFMC-650-HYD	140	1 1/2" FPT	1 1/4" FPT
SPPFMC-650F-HYD	170	220 & 1 1/2" FPT	200 & 1 1/4" FPT
SPPFMC-650FS-HYD	170	Ports as above, 316 SS	

Call for information if part numbers are not listed (-)

1-888-937-7278



The WS-650 MAX, 750 MAX and 855 MAX pump models feature our Oasis™ WetSeal Technology. The dual shaft seals run in a pressurized barrier fluid which is specially formulated for seal face lubrication and heat dissipation. The liquid being pumped never comes into contact with the seal surfaces so abrasive wear failures are prevented. Additionally, the buffer fluid lubricates and cools the seal faces even when run dry to eliminate costly failure.

- Pressure balanced impeller eliminates thrust load on bearings.
- Hydraulic motor case drain option for extended seal life on engineered systems.
- Separate motor and pump shafts for easy maintenance.

650 Max Series



Part No. SPPFMCWS-650F-HYD
Part No. SPPFMCWS-650FS-HYD

- Suction: 220 Flange & 1½" FPT
- Max. Flow 170 GPM (644 LPM)
- Oversized Bearings
- Tall Blade Impeller design develops higher pressure at lower RPM.
- High Efficiency 4000 PSI (275 BAR) Pressure Plated Gear Motor
- FS model has a 316 stainless steel wet end including impeller, volute, and seal plate with standard full-port flanged connections
- Discharge: 200 Flange & 1¼" FPT
- Max. Pressure 160 PSI (11 BAR)
- E-coat Corrosion Protection

The M22 motor requires 18 GPM maximum hydraulic fluid input.
 Recommended for:

- Pressure Compensating Closed Center Systems
- Load Sensing Closed Center Systems
- Open Center Systems up to 18 GPM (68.1 LPM)
- Max Pressure: 150 PSI
- Max Flow: 290 GPM

The M25 motor requires 20 GPM maximum hydraulic fluid input.
 Recommended for:

- Pressure Compensating Closed Center Systems
- Load Sensing Closed Center Systems
- Open Center Systems up to 20 GPM (75.7 LPM)
- Max Pressure: 150 PSI
- Max Flow: 290 GPM

The M30 motor requires 23 GPM maximum hydraulic fluid input with #6 SAE case drain port and is standard on the 855 MAX pump.

Recommended for:

- Pressure Compensating Closed Center Systems
- Load Sensing Closed Center Systems
- Open Center Systems up to 23 GPM (87 LPM)
- Max Pressure: 150 PSI
- Max Flow: 345 GPM

750 Max Series



300 Flange In
220 Flange Out

No.
SPPFMC-750F-HYD-M22
SPPFMC-750F-HYD-M25
SPPFMC-750F-HYD-M30

855 Max Series



300 Flange In
300 Flange Out

Part No. SPPFMC-855F-HYD



OASIS RESERVOIR

- Use with all Oasis WetSeal™ Technology Pumps.
- Excellent visibility and easy service regardless of the pump location.
- Provides extra barrier fluid for extended service intervals.
- Connect air supply to machine air or charge manually.
- Regulator assures ideal air pressure at all times.

Part No. SPPOASIS-RES

FLOW LIMITER VALVE



- Installs in Ace Hydraulic Motor Inlet Port
- Shuts off all hydraulic flow through valve when the motors capacity is exceeded; protects motor from overspeeding
- Automatically resets when hydraulic pressure is released

For Hydraulic motors manufactured after 2005

No.	Mfg. No.	Pump Model
SPP41417	LS-204N	FMC-HYD-204
SPP41418	LS-206N	FMC-HYD-206
SPP41423	LS-210N	FMC-HYD-210

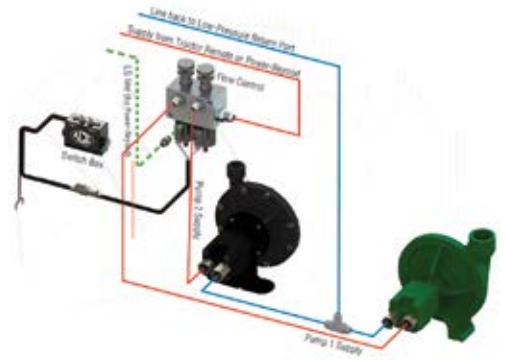
GEMINI DUAL PUMP KIT



Part No. SPPDPK

**22' Extension Cable
Part No. SPPDPK-EXT**

- Operate two pumps independently
- Supply oil from one tractor remote or power beyond circuit
- Use on tractors with Load Sensing (LS) or Pressure Compensated (PC) hydraulic systems
- Two modes of operation:
 - » Manual mode - independent on/off operation from cab with independent manual flow adjustment at the hydraulic manifold
 - » PWM mode - independent pump regulation and on/off with PWM signal from controller
- Operates any combination of ace pumps equipped with 204 or 206 motor



Kit Includes: 15' switch box assembly, 12' implement wire harness, Valve manifold, Hydraulic return tee & adapter for Load Sense port.

ACE BELT DRIVEN CENTRIFUGAL PUMPS

- "MAG-D" 12 volt DC magnetic clutch is driven by a v-belt from the engine drive shaft. The clutch is idle until engaged by an on-off toggle switch
- Counter-clockwise rotation when facing shaft end
- Chemical resistant Valox® Impeller
- 58 ft. lb. (78.6 NM) torque capacity
- E-coated for maximum corrosion protection
- Two bearings with high temperature, long life grease
- Stainless Steel shaft and wear ring
- Standard Viton® Carbon/Ceramic seal
- Forged machined pulley for maximum strength
- High temperature epoxy coil
- 5/8" shaft
- Solid forged rotor to maximize torque
- Single or double belt drive
- 4¾" (12.1 CM) pitch diameter



- Max. 70 GPM
- Max. 170 PSI
- Max. 4.2 HP
- 1¼" Suction
- 1" Discharge



- Max. 130 GPM
- Max. 130 PSI
- Max. 10 HP
- 1½" Suction
- 1¼" Discharge



- Max. 200 GPM
- Max. 120 PSI
- Max. 7.5 HP
- 2" Suction
- 1½" Discharge

No.	Description
SPPFMC	Less clutch
SPPFMC-MAG-D	With Mag Clutch

No.	Description
SPPFMC-150	FMC-150 Less clutch
SPPFMC-15-MAG	With Mag Clutch

No.	Description
SPPFMC-200	Less clutch
SPPFMC-200F	300 x 220 Flange Less clutch
SPPFMC-200-MAG-D	With clutch
SPPFMC-200F-MAG-D	300 x 220 Flange With clutch

Clockwise Rotation

- Max. 80 GPM
- 1½" Suction
- Max. 4.7 HP
- Max. 120 PSI
- 1¼" Discharge

No.	Description
SPPFMC-CW-150	FMC-CW-150 Less clutch
SPPFMC-CW-150-MAG-D	CW-150 With Mag Clutch

ACE GASOLINE DRIVEN CENTRIFUGAL PUMPS



- Tall blade impeller design for higher pressure at standard engine speeds
- GE-75 impeller attaches directly to 5/8" keyed shaft engine
- Polypropylene corrosion resistant construction
- Ports : 1" In, 3/4" Out



- All iron construction
- 5.5 HP Honda engine
- Impeller attaches directly to 3/4" keyed shaft

GE-660-HONDA

No.	Engine	Max PSI	Max GPM
SPPGE-75-HONDA	3 HP Honda	70	25
SPPGE-75-LE	n/a	70	25

No.	In	Out	Max PSI	Max GP
SPPGE-660-HONDA	1½"	1¼"	120	110
Pump Only Models				
SPPGE-660-LE		for 3/4" Shaft		
SPPGE-650-LE		for 5/8" Shaft		

150 SERIES HIGH PERFORMANCE



- Allows applicator to save fuel by operating at lower engine speeds and still maintain adequate spraying pressure.
- 100 PSI - 40 GPM at 600 or 1000 RPM
- Stainless steel wear ring and shaft
- Viton seals
- Fully guarded
- 10 Groove Pulley
- Ports 1½" x 1¼"
- Cast Iron
- Ready for use with Roundup

No.	Model Number	Max GPM	Max PSI	Max RPM	Description
SPPPTOC-150-600-B	PTOC-150-600-B	100	100	540	1" Stub shaft & integral mounting base, use with 540 RPM tumblerod shaft
SPPPTOC-150-1000-21SP	PTOC-150-1000-21SP	100	100	1000	Direct mounting on 21 spline, 13/8" 1000 RPM shaft w/ locking collar
SPPPTOC-150-1000-B	PTOC-150-1000-B	100	100	1000	1" Stub shaft & integral mounting base, use with 1000 RPM tumblerod shaft

ACE PTO PUMPS REPLACEMENT PARTS / KITS

ACE PTOC-150-600/1000 PUMP REPAIR PARTS

No.	Mfg. No.	Description	Belt Size
SPP70677	RK-PTOC-150-600	Repair Kit	44½" ID
SPP51255	RK-PTOC-150-1000	Repair Kit	36¾" ID
SPP40611	BAC-28-10-150	Belt Only	44½" ID
SPP40621A	BAC-28-10M-150	Belt Only	36¾" ID
Ace PTOC-610/1000 Pump Repair Kits			
SPPRK-PTOC-600	RK-PTOC-600*	Repair Kit	40" ID
SPP70673	RK-PTOC-1000*	Repair Kit	31" ID
SPP40610	BAC-28-10	Belt	40" ID
SPP40620	BAC-28-10-M	Belt	31" ID

ACE PTOCH-600-1000 PUMP REPAIR PARTS

No.	Mfg. No.	Description	Belt Size
SPP40650	BACH-28-10	Belt	41" ID

*Includes belt, Viton seal, O Ring & Gasket.

• For other repair parts, please call for more information.

ACE PUMP REPLACEMENT PARTS / KITS



REPLACEMENT PUMPS FOR PTO BELT DRIVEN CENTRIFUGAL PUMPS

- Has 5/8" shaft for belt pulley
- Casting is machined to accept idler arm

No.	Description
SPP47008 (FMC-MIA) (047008)	Replacement pump for the following PTO Belt driven units: PTOC-150-600/1000



REPLACEMENT MOTORS

- Coupling and cap screws not included

No.	Description
SPPBAC-75-HYD-210 (BAC-75-HYD-210)	210 Hydraulic motor for: FMC-HYD-210, FMCL-HYD-210 FMC-200-HYD-210, FMCL-200-HYD-210
SPP41372 (BAC-75-HYD-206)	206 Hydraulic motor for: FMC-150-HYD-206

FMC & FMCL REPAIR KITS

No.	Mfg. No.	Description
SPP52700	RK-FMC	Pump repair kit - all models except pumps with grease fitting
SPP51900	RK-FMCL	Pump repair kit - all models with grease fittings
SPPRK-FMC-150	RK-FMC	Pump repair kit Repair Kit for FMC-150 Series



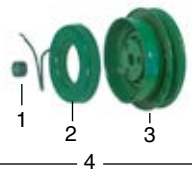
REPLACEMENT PUMPS FOR HYDRAULIC DRIVEN UNITS

- Pump does not include coupler and cap screws

No.	Description
SPPFMC-150-HYD-LM (049921)	Pump only for No. 6750 (FMC-150-HYD-206) hydraulic driven pumps units. Ports: 1½" FPT suction x 1¼" FPT discharge
- (048942)	Pump only for No. 6743 (FMC-200-HYD-210) and No. 6742 (FMCL-200-HYD-210) hydraulic driven pump units.

MOTOR SEAL KITS

No.	Mfg. No.	Motor No.
SPP41371	RK-BAC-75-HYD	202, 203, 204, 206, 210
SPPRK-BAC-75-HYD-L	RK-BAC-75-HYD-L	202, 203, 204, 206, 210-L
SPP41361	RK-BAC-75-HYD-304	304
SPPRK-BAC-75-HYD-310	RK-BAC-75-HYD-310	310



ACE MAGNETIC CLUTCH REPLACEMENT PARTS

Note: Parts are not interchangeable with Hypro Magnetic Clutch

Ill. No.	No.	Description
1	-	Spacer
2	SPP41476	Coil ring, 12 volt, DC activated
3	SPP71786	5½" Pulley w/bearing & clutch drive
4	SPP71783	Magnetic clutch assembly complete with pulley, clutch driver, coil ring & spacer

NOTE: These recommendations are to be used as a general guide only. Material options for rollers and seals are listed in order of recommendation for usage. For recommendations on specific chemicals or applications, consult Hypro on their toll free line 1-800-445-8360.

FOR WEED CONTROL CHEMICALS: Emulsions, soluble powders, sodium arsenate. (NOTE: For weed control chemicals, such as Round-up®, containing Glyphosate or other acidics, use only Silvercast pump with Super or Polypropylene rollers and Viton Seals. Teflon rollers may be used up to 100 PSI.)

FOR INSECT CONTROL: Using emulsions not containing aromatic solvents.
 Use Silvercast, Ni-Resist, or Cast Iron Pumps; Super Rollers; Viton or Buna-N seals.

FOR BRUSH CONTROL: Heavy duty sprays using oil for a carrier.

FOR PEST CONTROL CHEMICALS, FUMIGANTS, ETC: This category or use includes mosquito sprays, termite control liquids, nematocides, soil and grain fumigants where any of the following chemicals are present: Pentachlorophenol, Xylene, Xylol, Benzene. Fumigants containing: Ethylene Dichloride, Ethylene Dibromide, Carbon Tetrachloride, Perchloroethylene, Trichloroethylene, Methyl Bromide, and other aromatic solvents.
 Use Silvercast, Ni-Resist, or Cast Iron Pumps with Nylon rollers; Viton or Leather seals.

FOR LIQUID FERTILIZERS: Up to 32% Nitrogen content, or others if liquid at atmospheric pressure and temperature handled.
 Use Silvercast or Ni-Resist pump with Polypropylene rollers and Buna-N seals.

FOR POWDERED FERTILIZERS: dissolved in water (greenhouse plant food). **FOR PUMPING** large quantities of plain water.
FOR SPRAYING with wettable powder sprays. **OTHER** heavy abrasive powders in suspension:
 Use Silvercast, Ni-Resist or Cast Iron pump; Super, Rubber, or Polypropylene rollers and Buna-N or Viton seals.
 (NOTE: Limit pressure to 100 PSI when using rubber rollers or wettable powders)

FOR ACIDS: Mild sulfuric acid for spraying. For mild muriatic acid, inhibited muriatic, etc.
 Use Silvercast Pump; Viton seals; Polypropylene or Teflon rollers and 303 stainless steel shaft.
 (NOTE: Limit pressure to 100 PSI when using Teflon rollers.)

HYPRO 4000 SERIES FOUR ROLLER PUMPS



- Max. 150 PSI
- Port Size: 3/4" FPT
- Max. Fluid Temp. 140°F
- Pump shaft rotations: CW (CCW available)
- Rollers: Super Standard (Poly Teflon and Buna-N Available)
- Shaft Seals: Viton Standard (Buna-N and Leather Available)

4001 Models Performance Chart

RPM	0 PSI		25 PSI		50 PSI		75 PSI		100 PSI		125 PSI		150 PSI	
	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
1100	5.5	.06	4.9	.14	4.4	.24	4.1	.34	3.8	.41	3.5	.51	3.3	.62
1400	7.1	.10	6.4	.20	5.9	.32	5.6	.44	5.3	.56	5.0	.68	4.8	.78
1800	9.1	.14	8.5	.30	8.0	.46	7.6	.62	7.3	.78	7.0	.95	6.7	1.1

4101 Models Performance Chart

RPM	0 PSI		25 PSI		50 PSI		75 PSI		100 PSI		125 PSI		150 PSI	
	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP	GPM	HP
1800	5.0	.11	4.8	.21	4.5	.34	4.2	.45	3.9	.56	3.7	.68	3.4	.78
2200	6.2	.14	5.8	.27	5.6	.40	5.4	.55	5.0	.68	4.7	.82	4.4	.96
2600	7.2	.16	6.9	.30	6.6	.46	6.4	.62	6.0	.76	5.7	.92	5.4	1.08

4001 SERIES PUMPS

- Max. 9 GPM
- Max. 1800 RPM

No.	Mfg. No.	Body	Shaft
SPP4001C	4001C	Cast Iron	5/8"
SPP4001N	4001N	Ni-Resist	Solid
SPP4001XL	4001XL	Silver Cast	Shaft
SPP4001C-H	4001C-H	Cast Iron	1/2" Hollow
SPP4001N-H	4001N-H	Ni-Resist	shaft for
SPP4001XL-H	4001XL-H	Silver Cast	motor mount

4101 SERIES PUMPS

- Max. 7 GPM
- Max. 2600 RPM

No.	Mfg. No.	Body	Shaft
SPP4101C	4101C	Cast Iron	5/8"
SPP4101N	4101N	Ni-Resist	Solid
SPP4101XL	4101XL	Silver Cast	Shaft
SPP4101C-H	4101C-H	Cast Iron	1/2" Hollow
SPP4101N-H	4101N-H	Ni-Resist	shaft for
SPP4101XL-H	4101XL-H	Silver Cast	motor mount

HYPRO 4000 SERIES WITH 12 VOLT MOTOR DRIVE



- Used for bulkhead chemical transfer, fertilizer placement, herbicide banding, orchard and cattle spraying
- 1/2" Hollow shaft
- Super rollers standard (Teflon, Buna-N, Poly available)
- Viton seals standard (Buna-N and leather available)
- Locking collar & torque arm
- Continuous duty
- 12 VDC motor driven
- Ni-resist (N) or Silver cast (XL)
- 3/4" Ports

SERIES 4001 PUMP WITH 12 VOLT MOTOR DRIVE

No.	Mfg. No.	Max GPM	Max PSI	Continuous Duty Max PSI	Continuous Duty Max GPM
SPP4001N-AEH	4001N-EH	10.4	30	25	8
SPP4001XL-AEH	4001XL-EH	10.4	30	25	8
SPP4001N-AE2H	4001N-E2H	9.9	60	50	5.9
SPP4001XL-AE2H	4001XL-E2H	9.9	60	50	5.9

SERIES 4101 PUMP WITH 12 VOLT MOTOR DRIVE

No.	Mfg. No.	Max GPM	Max PSI	Continuous Duty Max PSI	Continuous Duty Max GPM
SPP4101N-EH	4101N-EH	7.5	50	25	6
SPP4101XL-AEH	4101XL-EH	7.5	50	25	6
SPP4101N-AE2H	4101N-E2H	5.9	100	90	2.75
SPP4101XL-E2H	4101XL-E2H	5.9	100	90	2.75

Cast Iron Pumps An inexpensive pump. Good for many applications

Ni-Resist Pumps For the larger operator. Will last up to 2½ times longer. Resistant to Round Up®

Cast Silver XL Pumps will last up to 10 times longer when pumping powerful herbicides such as Round Up®

ROTATION: Counter clockwise when looking at shaft.

See below for **Reverse Rotation**



Series		6500	7560	7700	1700	1500
Max U.S. GPM		22	22	22.4	45	62
Max PSI		300	300	200	200	150
Max RPM		1200	1000	800	1000	1000
Max U.S. GPM	540 RPM	8	11	13	21	28
At 50 PSI	1000 RPM	16.5	22	-	45	62
Ports (FPT)		3/4"	3/4"	3/4"	1"	1½"
Shaft Size		5/8"	15/16"	15/16"	15/16"	15/16"
Max Fluid Temp.		140°F	140°F	140°F	140°F	140°F
Rotation		CCW	CCW	CCW	CCW	CCW
Rollers		6	8	7	5	6
Rollers - Standard		Super	Super	Super	Super	Super
Pump seal standard	Cast Iron	Viton	Viton	Viton	Viton	Buna-N
	Ni-Resist	Viton	Viton	Viton	Viton	Buna-N
	Silver XL	Viton	Viton	Viton	Viton	Viton
Cast Iron Pumps	No. (Mfg. No.)	SPP6500C (6500C)	SPP7560C (7560C)	SPP7700C (7700C)	SPP1700C (1700C)	SPP1502C (1502C)
Ni-Resist Pumps	No. (Mfg. No.)	SPP6500N (6500N)	SPP7560N (7560N)	SPP7700N (7700N)	SPP1700N (1700N)	SPP1502N (1502N)
Silver XL Pumps	No. (Mfg. No.)	SPP6500XL (6500XL)	SPP7560XL (7560XL)	SPP7700XL (7700XL)	SPP1700XL (1700XL)	SPP1502XL (1502XL)

Hypro Reverse Rotation Roller Pumps

- Clockwise rotation when looking at shaft.
- Available in Cast Iron, Ni-Resist, Silver XL Pumps
- Features same as models above.



Series		6500	7560	7700	1700	1500
Cast Iron Pumps	No.	SPP6500C-R	SPP7560C-R	SPP7700C-R	SPP1700C-R	-
	(Mfg. No.)	(6500C-R)	(7560C-R)	(7700C-R)	(1700C-R)	(1502C-R)
Ni-Resist Pumps	No.	SPP6500N-R	SPP7560N-R	SPP7700N-R	-	SPP1502N-R
	(Mfg. No.)	(6500N-R)	(7560N-R)	(7700N-R)	(1700N-R)	(1502N-R)
Silver XL Pumps	No.	SPP6500XL-R	-	SPP7700 XL-R	SPP1700XL-R	-
	(Mfg. No.)	(6500XL-R)	(7560XL-R)	(7700XL-R)	(1700XL-R)	(1502XL-R)

Performance Charts For Above Pumps

6500	0 PSI		50 PSI		100 PSI		150 PSI		200 PSI		250 PSI		300 PSI	
	RPM	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP
540	9.7	.08	8.0	.38	7.2	.68	6.6	.97	5.6	1.29	4.9	1.65	4.3	1.97
1000	18.2	.20	16.5	.71	15.4	1.26	14.7	1.80	14.0	2.34	13.4	2.91	12.7	3.47
1200	21.8	.30	20.1	.90	19.1	1.51	18.2	2.14	17.3	2.84	16.5	3.48	15.7	4.17

7560	0 PSI		50 PSI		100 PSI		150 PSI		200 PSI		250 PSI		300 PSI	
	RPM	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP
540	12	.33	11.1	.74	10.3	1.25	9.5	1.77	8.6	2.26	7.8	2.78	7.1	3.3
800	18.3	.89	17.5	1.26	16.9	1.95	16.1	2.65	15.5	3.4	14.5	4.2	13.7	4.9
1000	22.5	1.56	22	1.78	21.3	2.53	20.6	3.5	20	4.2	18.9	5.3	18.0	6.1

7700	0 PSI		50 PSI		100 PSI		150 PSI		200 PSI	
	RPM	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP
540	14.2	.23	12.9	.56	11.9	1.10	11.2	1.64	10.3	2.22
600	15.3	.28	14.0	.62	13.0	1.20	12.3	1.80	11.6	2.44
800	22.1	.37	20.7	.86	19.5	1.66	18.6	2.40	17.8	3.26

1700	0 PSI		50 PSI		100 PSI		150 PSI		200 PSI	
	RPM	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP
540	25.0	.27	21.0	1.18	19.0	2.13	17.0	2.89	15.0	3.85
600	28.0	.34	24.5	1.39	22.0	2.36	20.0	3.34	18.0	4.39
1000	45.0	1.42	43.0	3.0	41.0	4.67	39.0	6.07	-	-

1500	0 PSI		25 PSI		50 PSI		100 PSI		150 PSI	
	RPM	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP	GPM HP
540	33.1	.51	29.7	1.02	27.8	1.45	24.3	2.46	21.0	3.54
600	36.8	.66	33.6	1.15	31.7	1.68	28.3	2.78	25.0	3.95
1000	62.1	2.02	58.5	3.04	56.9	3.69	53.9	5.31	50.9	7.12

Delavan 6900C Cast Iron 6-Roller Pump



- Port Sizes: 3/4" FNPT
- Pump Shaft Rotation CCW
- 5/8" Solid Stainless Steel Shaft

No.	Max GPM	Max PSI	Max Speed
SPP6900C	20	300	1200 RPM

- Ready for Roundup
- Cast Iron pumps come standard with Stainless Steel wear rings
- Oil Lubricated Gear Drive
- Glass-filled Nylon Impeller
- Viton Seals - Buna-N Opt.
- Pump shaft Rotation CCW

HYPRO CAST IRON PUMPS - PORTS 1½" x 1¼"


No.	Model Number	Max GPM	Max PSI	Max RPM	Description
SPP9006C-O	9006C-O	117	78	600	1½" PTO Hub w/Locking Collar/Clip
SPP9016C-O	9016C-O	117	78	600	1" Solid Shaft
SPP9018C-O	9018C-O	110	75	1000	1" Solid Shaft
SPP9028C-O	9028C-O	110	75	1000	1½" PTO Hub w/Locking Collar/Clip

Repair Kits No.	Mfg. No.	Description
SPP3430-0334	3430-0334	Buna-N Seal & O-ring Kit (Std)
SPP3430-0333	3430-0333	Viton Seal & O-ring Kit (Opt)

HYPRO POLYPROPYLENE PUMPS - PORTS 1½" x 1¼"


No.	Model Number	Max GPM	Max PSI	Max RPM	Description
SPP9006P-O	9006P-O	97	83	540	1½" PTO Hub w/Locking Collar/Clip
SPP9016P-O	9016P-O	97	83	540	1" Solid Shaft
SPP9018P-O	9018P-O	94	67	1000	1" Solid Shaft

Repair Kits No.	Mfg. No.	Description
SPP3430-0334	3430-0334	Buna-N Seal & O-ring Kit (Std)
SPP3430-0333	3430-0333	Viton Seal & O-ring Kit (Opt)

HYPRO SERIES 9200 - CAST IRON & STAINLESS STEEL PEDESTAL MOUNT PUMPS


No.	Model Number	Max GPM	Max PSI	Max RPM	Rotation	FPT Ports	Solid Shaft
SPP9202C	9202C	103	170	6000	CCW	1¼" x 1"	5/8"
SPP9202S		103	170	6000	CCW	1¼" x 1"	5/8" Stainless steel
SPP9203C	9203C	140	170	6000	CCW	1½" x 1¼"	5/8"
SPP9203S		140	170	6000	CCW	1½" x 1¼"	5/8" Stainless steel
SPP9203C-R	9203C-R	140	170	6000	CW	1½" x 1¼"	5/8"
SPP9206C	9206C	225	80	4200	CCW	2" x 1½"	5/8"
SPP9206S		225	80	4200	CCW	2" x 1½"	5/8" Stainless steel

Repair Kits No.	Mfg. No.	Description
SPP3430-0332	3430-0332	Pump Seal Kit
SPP3430-0589	3430-0589	Stainless Pump Seal Kit

HYPRO SERIES 9205C - CAST IRON PEDESTAL MOUNT PUMPS


No.	Model Number	Max GPM	Max PSI	Max RPM	Rotation	FPT Ports	Solid Shaft
SPP9205C	9205C	180	196	4200	CCW	2" x 1½"	7/8"

HYPRO SERIES 9200/9500 - POLYPROPYLENE PEDESTAL PUMPS


No.	Model Number	Max GPM	Max PSI	Max RPM	Rotation	FPT Ports	Solid Shaft
SPP9203P-S	9203P-S	100	82	4200	CCW	1½" x 1¼"	7/8"
SPP9203P-SR	9500P-S	100	82	4200	CW	1½" x 1¼"	7/8"

Repair Kits No.	Mfg. No.	Description
SPP3430-0333	3430-0333	Pump Seal Kit

Hypro Diecast Quick Couplers



No.	Hypro No.	PTO RPM	PTO Size	For Use On Series	Splines	Bore
SPP1321-0006	1321-0006	540	1 $\frac{3}{8}$ "	6500	6	5/8"
SPP1321-0007	1321-0007	540	1 $\frac{3}{8}$ "	1500/1700/7560/7700	6	15/16"
SPP1321-0008	1321-0008	1000	1 $\frac{3}{8}$ "	6500	21	5/8"
SPP1321-0009	1321-0009	1000	1 $\frac{3}{8}$ "	1500/1700/7560	21	15/16"
SPP1321-0012	1321-0012	540/1000	1 $\frac{3}{8}$ "	6500/4000	6/21	5/8"
SPP1321-0013	1323-0013	540/1000	1 $\frac{3}{8}$ "	1500/1700/7560	6/21	15/16"

Hypro Forged Steel Quick Coupler



No.	Hypro No.	PTO RPM	PTO Size	For Use On Series	Splines	Bore
SPP1323-0075	1323-0075	1000	1 $\frac{3}{8}$ "	6500	21	5/8"
SPP1323-0073	1323-0073	1000	1 $\frac{3}{8}$ "	1500/1700/7560	21	15/16"
SPP1323-0077*	1323-0077	540/1000	1 $\frac{3}{8}$ "	6500/4000	6/21	5/8"
SPP1323-0076*	1323-0076	540/1000	1 $\frac{3}{8}$ "	1500/1700/7560	6/21	15/16"

*Multi-speed couplers

Hypro Forged Steel Coupler



No.	Hypro No.	PTO RPM	PTO Size	For Use On Series	Splines	Bore
SPP1323-0074	1323-0074	540	1 $\frac{3}{8}$ "	6500	6	5/8"
SPP1323-0072	1323-0072	540	1 $\frac{3}{8}$ "	1500/1700/7560/7700	6	15/16"
SPP1320-0076	1320-0076	540	1 $\frac{3}{8}$ "	1500/1700/7560/7700	6	15/16"
SPP1320-0081	1320-0081	540	1 $\frac{3}{8}$ "	1200/5200	6	1"
SPP1320-0078	1320-0078	1000	1 $\frac{3}{8}$ "	1500/1700/7560	21	15/16"
SPP1320-0080	1320-0080	1000	1 $\frac{3}{4}$ "	1500/1700/7560	20	15/16"

Ace Forged Steel Couplers/Adapters



No.	Mfg. No.	PTO RPM	PTO Size	Splines	Bore
SPP10768	10768	1000	1 $\frac{3}{4}$ "	20	7/8"
SPP10778	10778	1000	1 $\frac{3}{8}$ "	21	15/16"



SHAFT FLEXIBLE COUPLINGS

	No.	Bore
2 HP Max	SPP2738-1001	1/2"
	SPP2738-1002	5/8"
	SPP2728-1001	Center Disk
5 HP Max	SPP2739-1001	5/8"
	SPP2739-1002	3/4"
	SPP2739-1003	7/8"
	SPP2739-1004	15/16"
	SPP2739-1005	1"
SPP2729-1001	Center Disk	

	No.	Bore
10.5 HP Max	SPP2741-1001	3/4"
	SPP2741-1004	15/16"
	SPP2741-1003	1 $\frac{1}{8}$ "
	SPP2741-1005	1 $\frac{1}{4}$ "
	SPP2741-1007	1 $\frac{1}{2}$ "
18 HP Max	SPP2729-1005	Center Disk
	SPP2740-1001	3/4"
	SPP2740-1002	1"
	SPP2740-1007	1 $\frac{1}{8}$ "
	SPP2729-1003	Center Disk

- Hydraulic motor drive (for open center, closed center and load-sensing systems)
- Max. fluid temp. 140°F
- Motor: Internal gear gerotor
- Motor capacities: 6 GPM to 24 GPM

- Pump seals: Cast - Viton ; SS - Silicon carbide
- Hydraulic motor seal: Double lip teflon
- Available w/ flange ports (add "-U" suffix)

Hypro 9303C & 9303S Series - Cast Iron & Stainless Steel - 1½" x 1¼" Ports



No.	Model Number	Max GPM	Max PSI	Housing	Impeller	Max Bypass	
						System	Min. Oil Flow
SPP9303C-HM1C	9303C-HM1C	114	130	Cast Iron	Nylon	Open / Closed	13 U.S. GPM
SPP9303C-HM2C	9303C-HM2C	97	95	Cast Iron	Nylon	Closed	6 U.S. GPM
SPP9303C-HM3C	9303C-HM3C	125	98	Cast Iron	Nylon	Large Open	20 U.S. GPM
SPP9303C-HM4C	9303C-HM4C	115	93	Cast Iron	Nylon	Open / Closed	7 U.S. GPM
SPP9303C-HM5C	9303C-HM5C	147	145	Cast Iron	Nylon	Open / Closed	16 U.S. GPM
SPP9303S-HM1C		114	130	316 SS	Polypropylene	Open / Closed	13 U.S. GPM
SPP9303S-HM2C		97	95	316 SS	Polypropylene	Closed	6 U.S. GPM
SPP9303S-HM3C		125	98	316 SS	Polypropylene	Large Open	20 U.S. GPM
SPP9303S-HM4C		115	93	316 SS	Polypropylene	Open / Closed	7 U.S. GPM
SPP9303S-HM5C		147	145	316 SS	Polypropylene	Open / Closed	16 U.S. GPM

Add suffix "-U" for 220 x 200 flange ports. eg: 9303C-HM1C-U

Repair Kits		
No.	Mfg. No.	Description
SPP3430-0332	3430-0332	Seal and o-ring ceramic repair kit
SPP3430-0748	3430-0178	Motor bearing and seal kit
SPP3430-0187	3430-0187	HM4 adapter kit
Replacement Hydraulic Motors		
SPP2500-0081C	2500-0081C	Hydraulic motor 9303C-HM1C
SPP2500-0082C	2500-0082C	Hydraulic motor 9303C-HM2C
SPP2500-0083C	2500-0083C	Hydraulic motor 9303C-HM3C
SPP2500-0084C	2500-0084C	Hydraulic motor 9303C-HM4C
SPP2500-0085C	2500-0085C	Hydraulic motor 9303C-HM5C

Hypro 9303P Series - Polypropylene - 1½" x 1¼" Ports



No.	Model Number	Max GPM	Max PSI	System	Max Bypass	
					Min. Oil Flow	
SPP9303P-HM1C	9303P-HM1C	110	130	Open / Closed		13 U.S. GPM
SPP9303P-HM2C	9303P-HM2C	82	95	Closed		6 U.S. GPM
SPP9303P-HM3C	9303P-HM3C	110	93	Large Open		20 U.S. GPM
SPP9303P-HM4C	9303P-HM4C	82	85	Open / Closed		7 U.S. GPM
SPP9303P-HM5C	9303P-HM5C	113	120	Open / Closed		16 U.S. GPM

Repair Kits		
No.	Mfg. No.	Description
SPP3430-0445	3430-0445	Pump seal kit
SPP3430-0748	3430-0178	Motor bearing and seal kit
SPP3430-0187	3430-0187	HM4 adapter kit
Replacement Hydraulic Motors		
SPP2500-0183C	2500-0183C	Hydraulic motor 9303P-HM3C
SPP2500-0184C	2500-0184C	Hydraulic motor 9303P-HM4C
SPP2500-0181C	2500-0181C	Hydraulic motor 9303P-HM1C

Hypro 9304C & 9305C Series - Cast Iron - 2" x 1½" Ports



No.	Mfg. No.	Max. GPM	Max. PSI	Max. Temp	System
SPP9305C-HM3C	9305C-HM3C	182	156	140°F	Open / Closed
SPP3430-0500		Seal and o-ring repair kit			
SPP9304C-HM1C	9304C-HM1C	210	130		Open / Closed
Hypro 9305C-SP Series - Cast Iron - 2" x 2" Ports					
SPP9305C-HM3C-SP	9305C-HM3C-SP	155	143		Open / Closed

Hypro 9306C Series - Cast Iron & Stainless Steel - 2" x 1½" Ports



No.	Model Number	Max GPM	Max PSI	Housing	Max Bypass	
					System	Min. Oil Flow
SPP9306C-HM1C	9306C-HM1C	207	127	Cast Iron	Open / Closed	13 U.S. GPM
-	9306C-HM3C	214	128	Cast Iron	Open / Closed	24 U.S. GPM
SPP9306C-HM5C	9306C-HM5C	212	140	Cast Iron	Open / Closed	17 U.S. GPM
SPP9306S-HM1C		207	127	Stainless Steel	Open / Closed	13 U.S. GPM
SPP9306S-HM3C		214	128	Stainless Steel	Open / Closed	24 U.S. GPM
SPP9306S-HM5C		212	140	Stainless Steel	Open / Closed	17 U.S. GPM

Add suffix "-3U" for 300 x 220 flange ports. eg: 9306C-HM1C-3U

Repair Kits		
No.	Mfg. No.	Description
SPP3430-0332	3430-0332	Seal and o-ring ceramic repair kit
SPP3430-0748	3430-0178	Motor bearing and seal kit
Replacement Hydraulic Motors		
SPP2500-0081C	2500-0081C	Hydraulic motor 9303C-HM1C
SPP2500-0083C	2500-0083C	Hydraulic motor 9303C-HM3C
SPP2500-0085C	2500-0085C	Hydraulic motor 9303C-HM5C

Call for information if part numbers are not listed (-)

Hypro Gas Engine-Driven Centrifugal Pump



No	Max GPM	Max PSI	Description
SPP1538	110	75	1-1/2" x 1-1/4" Ports. Must use 5/8" Threaded Sheft Engine.

*Does not include the Engine.

Hypro 9313 Series ForceField Centrifugal Pumps

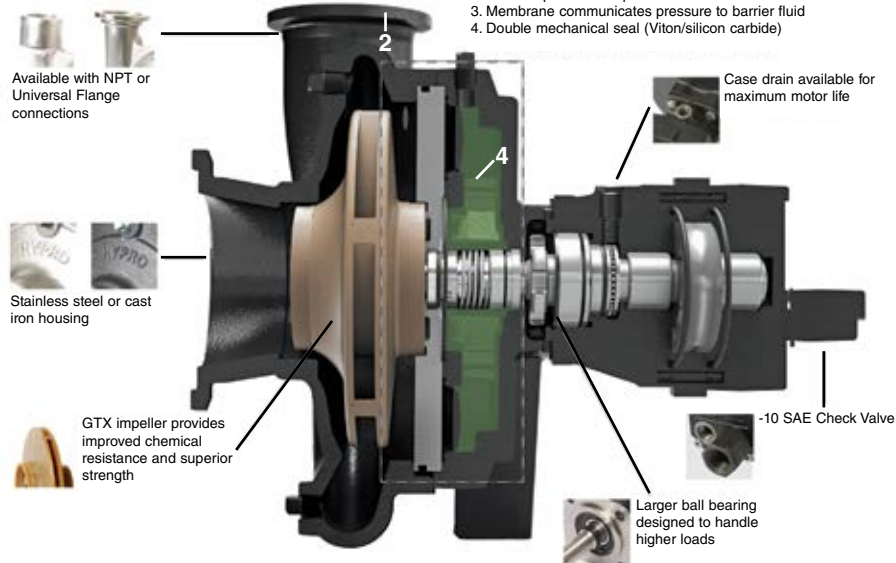


- ForceField Technology is a superior wet seal technology that provides the ultimate protection for the mechanical seal and avoids costly downtime
- Protects the mechanical seal against common failures related to dry run and chemical bonding by using a barrier fluid to keep it cool and lubricated
- Actively maintains a pressure differential between the barrier fluid and the pumping solution, which results in longer life and worry free operation
- Capable of flows up to 311 GPM (1177 LPM) and can produce up to 150 PSI (10.3 bar)
- Designed to be a drop-in replacement for standard Hypro hydraulically driven centrifugal pumps

No.	Equivalent	Inlet / Outlet	Max GPM	Max PSI	Max Hyd. GPM
SPP9313C-M05	9303C-HM4C	1½" NPT x 1¼" NPT	155	100	8
SPP9313C-M08	9303C-HM1C	1½" NPT x 1¼" NPT	188	137	13
SPP9313CU-M08	9303C-HM1C-U	220 x 200 Universal Flange	188	137	13
SPP9313SU-M04	9303S-HM2C-U	220 x 200 Universal Flange	140	90	7
-	9303S-HM1C	1½" NPT x 1¼" NPT	188	137	13
SPP9313SU-M08	9303S-HM1C-U	220 x 200 Universal Flange	188	137	13

Self-Regulated Seal Chamber

1. Chamber front plate encloses wet seal chamber
2. Holes in plate allows pressure to translate to membrane
3. Membrane communicates pressure to barrier fluid
4. Double mechanical seal (Viton/silicon carbide)



ForceField Technology is ideal for use in the most demanding spraying conditions



Chamber barrier fluid keeps the seal cool and lubricated to protect against dry run and chemical bonding failures.



Self-regulating chamber designed to provide pressure when needed and safe serviceability when it is not needed.



- Used with Pressure washers & high pressure spraying for agricultural use
- NI-Resist Sleeves
- Max 400 PSI
- Max 140° F.
- Max 800 RPM (5206)
- Max 600 RPM (5210)
- Ports 3/4" FPT

SERIES 5206C

No.	Model No.	Cup Material	Shaft Type
SPP5206C	5206C	Leather	1" Solid
SPP5206C-F	5206CF	Fabric	1" Solid
SPP5206C-R	5206CR	Buna-N	1" Solid
SPP5206C-H	5206C-H	Leather	1 1/8" Hollow
SPP5206C-FH	5206C-HF	Fabric	1 1/8" Hollow

Choice of Cup Type

Leather - for pumping aromatic solvents and other chemicals damaging to rubber.

Fabric - for pumping most insecticides, herbicides and fertilizers

Buna-N Rubber - for pumping soap and detergent solutions and some fertilizers.

**PISTON STACK PARTS KIT
Series 5206C and 5210C**

No.	Mfg. No.	Description
SPP3430-0037	3430-0037	Leather (standard)
SPP3430-0039	3430-0039	Fabric
SPP3430-0189	3430-0189	Rubber

SERIES 5210C

No.	Model No.	Cup Material	Shaft Type
SPP5210C	5210C	Leather	1" Solid
SPP5210CR	5210CR	Buna-N	1" Solid
SPP5210C-H	5210C-H	Leather	1 1/8" Hollow
SPP5210C-FH	5210C-HF	Fabric	1 1/8" Hollow
SPP5210C-HR	5210C-HR	Buna-N	1 1/8" Hollow

Hypro 5324 Series Small Twin Plunger Pumps



- Maximum pressure: 800 PSI
- Flow rates: 2.9 GPM
- Rated speed: 1800 RPM
- Shaft sizes: 5/8" solid shaft
5/8" hollow shaft
- Maximum fluid temperature: 140°F
- Plunger material: Stainless Steel
- Weight: 10.5 lbs. (solid shaft w/base)
10 lbs. (hollow shaft w/torque arm)
- Shaft rotation: CW and CCW
- Seals: Buna-N rubber cups
- Injector head available

No.	Mfg. No.	Max GPM	Cup Type	Shaft Size	Shaft Type	Other Equipment	Models with Injector Heads	
							No.	Mfg. No.
SPP5324C	5324C	2.9	Buna-N	5/8"	Solid	Base	6912-D	5324CD
SPP5324C-H	5324C-H	2.9	Buna-N	5/8"	Hollow	Torque Arm	6913-D	5324C-HD

Hypro 5321/5322 Series Twin Plunger Pumps



- Maximum pressure: 1000 PSI
- Flow rates: 2.2 GPM
- Rated speed: 1800 RPM
- Shaft sizes: 5/8" solid shaft or
5/8" hollow shaft
- Port sizes: 1/2" inlet; 1/2" outlet
- Maximum fluid temperature: 180°F
- Weight: 10.5 lbs.
- Plungers: Stainless steel (Series 5321)
Ceramic (Series 5322)
- Seals: Buna-N pressure seals; Teflon
Vacuum seals
- Injector head available

No.	Mfg. No.	Max GPM	Max RPM	Plunger Type	Shaft Size	Shaft Type	Other Equipment
SPP5321C-H	5321C-H	2.2	1800	SS	5/8"	Hollow	Torque Arm
SPP5322C	5322C	2.2	1800	Ceramic	5/8"	Solid	Base
SPP5322C-H	5322C-H	2.2	1800	Ceramic	5/8"	Hollow	Torque Arm
-	53702	2.2	3450	Ceramic	5/8"	Hollow	Torque Arm
SPP53703	53703	2.2	3100	Ceramic	5/8"	Hollow	For Gas Engine Mount

- Max pressure: 500 PSI
- Max. Fluid Temperature: 140° F
- Flow rates: 1.5, 2.0, 2.5 and 3.0 GPM
- Rated speed: 1800 RPM
- Shaft sizes: 5/8" solid shaft or 5/8" hollow shaft
- Port sizes: 1/2" inlet; 1/2" outlet

- Cast Iron body
- Weight: 10 lbs.
- Buna-N rubber cups for pressure wash and hydrostatic testing applications
- Leather cups for pest control and chemical spraying applications
- Teflon and Viton cups available for special applications
- Injector head available



No.	Mfg. No.	Max GPM	Cup Type	Shaft		Other Equipment
				Size	Type	
SPP5320C-X	5320C-X	2	Leather	5/8"	Solid	Base
SPP5320C-RX	5320C-RX	2	Buna-N	5/8"	Solid	Base
SPP5320C-CX	5320C-CX	2	Teflon	5/8"	Solid	Base
SPP5320C-HX	5320C-HX	2	Leather	5/8"	Hollow	Torque Arm
SPP5320C-HRX	5320C-HRX	2	Buna-N	5/8"	Hollow	Torque Arm
SPP5330C-X	5330C-X	3	Leather	5/8"	Solid	Base
SPP5330C-RX	5330C-RX	3	Buna-N	5/8"	Solid	Base
SPP5330C-CX	5330C-CX	3	Teflon	5/8"	Solid	Base
SPP5330C-HX	5330C-HX	3	Leather	5/8"	Hollow	Torque Arm
SPP5330C-HRX	5330C-HRX	3	Buna-N	5/8"	Hollow	Torque Arm
SPP5330C-CHX	5330C-CHX	3	Teflon	5/8"	Hollow	Torque Arm

Hypro 9400 Series Belt Drive Pumps

- Drive: 12-groove belt
- Spring-loaded belt tensioner
- Pump shaft rotation: CCW
- Stainless steel wear ring
- Impeller: Cast Iron models – glass-filled nylon
- Port sizes: 9403 models – 1½" NPT inlet, 1¼" NPT outlet
- Pump seals: Viton/ceramic standard
- Stainless steel pump shaft, standard
- Weight: 40-45 lbs. / 18.2-20.5 kg



No.	Mfg. No.	Max GPM	Max PSI	Max RPM	PTO Output
SPP9402C-540	9402C-540	76	95	600	1-3/8" female, 6-spline shaft
SPP9403C-540	9403C-540	140	104	600	1-3/8" female, 6-spline shaft
SPP9403C-540S	9403C-540S	91	83	600	1" solid shaft

Hypro Pedestal Pumps

Hypro Cast Iron Pedestal Models with 12 Volt Clutches



- Pedestal mount
- 5/8" shaft
- Rotation choice
- Seals : Cast Iron - Viton ; SS - Silicone Carbide
- 12 volt Heavy Duty clutch with 5" diameter A-section pulley

No.	Mfg. No.	Max GPM	Max PSI	Max RPM	Rotation	FPT Ports	Body Type
SPP9263C-C	9263C-C	140	170	5000	CCW	1½" x 1¼"	Cast Iron
SPP9263C-CR	9263C-CR	140	170	5000	CW	1½" x 1¼"	Cast Iron
SPP9263S-C		140	170	5000	CCW	1½" x 1¼"	316 SS
Repair Kits		No.	Mfg. No.	Description			
		SPP3430-0332	3430-0332	Pump seal kit			
		SPP3430-0592	2526-0003	Electric clutch			

Hypro 12V Clutches



No.	Shaft Size	Pulley Type	Max HP	Max RPM	Description
SPP3430-0592	5/8"	5"-A	10	4200	9202C, 9203C, 9203C-R 9262C-C, 9262S-C, 9262S-CR

NOTE: Clutch parts are not available from Hypro

Hypro Polypropylene Flange Mounted Pumps



No.	Mfg. No.	Max GPM	Max PSI	Max RPM	Description
-	9513P	91	65	3600	Flange-mounted pump designed for direct coupling to 5 HP gasoline engines, 3/4" hollow keyed 316 SS shaft
Repair Kit		No.	Mfg. No.	Description	
		SPP3430-0333	3430-0333	Pump seal kit	

D503 / GRGI MEDIUM PRESSURE



- Diaphragms: 3; semi-hydraulic
- Housing: anodized aluminum
- Max. Fluid Temp: 140°F
- Weight: 28 lbs.
- Shaft: flanged adapter (D503); 1" hollow shaft for gas engine mount (D503GRGI)
- Mounting base included
- D503GRGI assembled with gearbox 9910-KIT1642 and control 9910-RM40 for mounting on 5-6.5 hp gas engines

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D503	9910-D503	14.3	580	550
SPP9910-D503GRGI	9910-D503GRGI	14.3	580	3600



D252 / GRGI MEDIUM PRESSURE

- Diaphragms: 2; semi-hydraulic
- Max fluid temp: 140°F
- Housing: anodized aluminum
- Mounting base included
- Weight: 14 lbs. (GRGI); 12 lbs. (D252)
- D252: 3/4" solid keyed shaft, 1 1/4" HB in, 1" HB out

- GRGI: 3/4" hollow shaft, 3/4" HB in, 3/8" HB out
- GRGI58: 5/8" hollow shaft, 3/4" HB in, 3/8" HB out

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D252	9910-D252	6.1	290	650
SPP9910-D252GRGI	9910-D252GRGI	6.1	290	2800
SPP9910-D252GRGI58	9910-D252GRGI58	5.5	290	3600
Repair Kits				
SPP9910-KIT2409	9910-KIT2409		O-ring kit	
SPP9910-KIT1723	9910-KIT1723		Diaphragm kit (Desmopan)	
SPP9910-KIT2408	9910-KIT2408		Valve kit	



D70 LOW PRESSURE

- Diaphragms: 2; semi-hydraulic
- Max. Fluid Temp: 140°F
- Ports: 1 1/4" HB inlet, 1" HB outlet
- Weight: 22 lbs.
- Epoxy-coated housing components for liquid handling

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D70	9910-D70	19	290	550
Repair Kits				
SPP9910-KIT2365	9910-KIT2365		O-ring kit	
SPP9910-KIT1720	9910-KIT1720		Diaphragm kit (Desmopan)	
SPP9910-KIT2364	9910-KIT2364		Valve kit	



D115 LOW PRESSURE

- Diaphragms: 3; semi-hydraulic
- Max. Fluid Temp: 140°F
- Ports: 1 1/2" HB inlet; 1" HB outlet
- Select shaft kit for desired drive
- Epoxy-coated housing components for liquid handling
- Weight: 35 lbs.

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D115	9910-D115	30.1	290	550
Repair Kits				
SPP9910-KIT2026	9910-KIT2026		O-ring kit	
SPP9910-KIT1721	9910-KIT1721		Diaphragm kit (Desmopan)	
SPP9910-KIT2370	9910-KIT2370		Valve kit	



D160 LOW PRESSURE

- Diaphragms: 4; semi-hydraulic
- Max. Fluid Temp: 140°F
- Epoxy-coated housing components for liquid handling
- Ports: 2" HB inlet, 1 1/2" HB outlet
- 1 3/8" - 6 Spline male shaft
- Weight: 66 lbs.

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D160	9910-D160	42.5	290	550
Repair Kits				
SPP9910-KIT1908	9910-KIT1908		O-ring kit	
SPP9910-KIT1730	9910-KIT1730		Diaphragm kit (Buna-N)	
SPP9910-KIT2374	9910-KIT2374		Valve kit	



D250 LOW PRESSURE

- Diaphragms: 6; semi-hydraulic
- Epoxy-coated housing components for liquid handling
- Max. Fluid Temp: 140°F
- Ports: 2" HB inlet, 1 1/2" HB outlet
- 1 3/8" - 6 Spline male shaft
- Mounting base included
- Weight: 92 lbs.

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP90.100.250	9910-D250	66	290	550
Repair Kits				
SPP9910-KIT1904	9910-KIT1904		O-ring kit	
SPP9910-KIT1722	9910-KIT1722		Diaphragm kit (Buna-N)	
SPP9910-KIT2114	9910-KIT2114		Valve kit	

Call for information if part numbers are not listed (-)

1-888-937-7278

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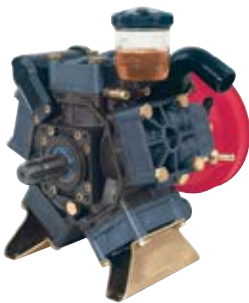
D30 MEDIUM PRESSURE



- Diaphragms: 2; semi-hydraulic
- Epoxy-coated housing components for liquid handling
- Max. Fluid Temp: 140°F
- Ports: 1" HB inlet, 1/2" HB outlet
- Weight: 23 lbs. (D30); 33 lbs. (GRGI)
- D30GRGI assembled with gear-box 9910-KIT1640 and control 9910-GS40GI for mounting on 5 hp gas engines

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D30	9910-D30	9	580	550
SPP9910-D30-B-GRGI	9910-D30GRGI	9	580	3600
Repair Kits				
SPP9910-KIT1916	9910-KIT1916	O-ring kit		
SPP9910-KIT2110	9910-KIT2110	Diaphragm kit (Buna-N)		
SPP9910-KIT1724	9910-KIT1724	Diaphragm kit (Desmopan)		
SPP9910-KIT1917	9910-KIT1917	Valve kit		



D1265 HIGH PRESSURE

- Diaphragms: 5; semi-hydraulic
- Housing: anodized aluminum
- Max. Fluid Temp: 140°F
- Ports: HB 1½" inlet, MPT 3/4" outlet
- 1½" - 6 Splined male shaft extension
- Weight: 67 lbs.
- Mounting base included

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-DBA140	9910-D1265	33.3	725	550
Repair Kits				
SPP90.104.081	9910-KIT	O-ring kit		

DBA160 HIGH PRESSURE



- Diaphragms: 4; semi-hydraulic
- Housing: external manifolds and heads in anodized aluminum
- Max. Fluid Temp: 140°F
- Ports: 1½" HB inlet, 3/4" HB outlet
- Weight: 112 lbs.
- 1½" - 6 Splined male double-ended shaft

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-DBA160	9910-DBA160	39.7	725	550
Repair Kits				
SPP9910-KIT1734	9910-KIT	Diaphragm kit (Desmopan)		
SPP9910-KIT1965	9910-KIT	Valve kit		
SPP9910-KIT1972	9910-KIT	O-ring kit		

D50 MEDIUM PRESSURE



- Diaphragms: 2; full-hydraulic
- Max. Fluid Temp: 140°F
- Ports: 1½" HB inlet, 1/2" HB outlet
- Epoxy-coated housing components for liquid handling
- Weight: 35 lbs.
- Shaft: (D50) flanged for shaft kit; (AP-A) flange with 1" shaft. ext.
- AP-A: Same as D50 with solid thru shaft

For controls and drive options see pages following.

No.	Mfg. No.	Max GPM	Max PSI	Max RPM
SPP9910-D50	9910-D50	14	580	550
SPP90.101.050	9910-D50AP-A	14	580	550
Repair Kits				
SPP9910-KIT1919	9910-KIT1919	O-ring kit		
SPP9910-KIT2111	9910-KIT2111	Diaphragm kit (Buna-N)		
SPP9910-KIT1725	9910-KIT1725	Diaphragm kit (Desmopan)		

D1516 HIGH PRESSURE



- Diaphragms: 6; semi-hydraulic
- Housing: anodized aluminum
- Max. Fluid Temp: 140°F
- Ports: 1½" HB inlet, 3/4" NPT outlet
- 1½" - 6 Splined male shaft extension
- Weight: 78 lbs.

For controls and drive options see pages following.

No.	Max GPM	Max PSI	Max RPM
SPP90.101.516	39.8	725	550

DP423 HIGH PRESSURE



- Glass-filled polypropylene construction of head, manifold and control components for the maximum in chemical resistance
- 3 cylinder design eliminates the need for pulsation dampening devices and lengthens the life of the entire pumping system
- Kynar™ and 300 series stainless steel valve design for higher flow and better corrosion resistance
- Unique piston design for longer diaphragm life due to improved hydraulic support behind diaphragms

No.	Max GPM	Max PSI	Max RPM
SPP9910-DP423GRGI	11	290	650

D1064 HIGH PRESSURE



- Diaphragms: 4, Semi-Hydraulic, Desmopan Standard
- Housing: Anodized Aluminum
- Pump Shaft Rotation: CW and CCW
- Port Size: 1-1/4" HB Inlet, 3/4" NPT Outlet
- Shaft Output: 1-3/8" 6 Splined Male Shaft Extension

No.	Max GPM	Max PSI	Max RPM
SPP9910-D1064	28.7	725	550

Control Units

No.	Model No.	Max GPM	Max PSI	Description
SPP9910-KIT1990	9910-KIT1990	6	290	Control unit for mounting on 9910-D252 model pumps. Includes relief valve and pressure/bypass selector 5/8" HB bypass port and 3/8" HB outlet.
SPP9910-GS40GI	9910-GS40GI	21	580	Control unit for mounting on 9910-D30 & D-50 pumps. Includes high pressure relief valves & two 1/2" HB outlets with individual shut-offs
SPP9910-KIT1741	9910-KIT1741			Remote mounting kit for 9910-GS40GI control unit
SPP9910-RM40	9910-RM40	24	580	Remote control unit for 9910-D503 model pumps. Includes high pressure relief valve and two 1/2" HB outlets with individual shut-offs
SPP9910-KIT1897	9910-KIT1897			Remote mounting kit for 9910-RM40
SPP9910-GS50GI	9910-GS50GI	48	725	Control unit for mounting on 9910-D813, D1064, D1265, D1516, D1554 model pumps. Includes high pressure relief valve & three 1/2" HB outlets with individual shut-offs
SPP9910-VDR50	9910-VDR50	35	725	Remote control unit for 9910-D503, D813, D1064 & D1265 pumps. Includes high pressure relief valve and two 1/2" HB outlets with individual shut-offs
SPP3300-0087	3300-0087	40	290	Remote control unit for models 9910-D70, D115, D135 & D160 pumps. Includes built-in relief valve on each 1" HB inlet and three 3/4", 1/2" & 3/8" HB outlets with individual shut-offs.
SPP3300-0082	3300-0082	63	290	Remote control unit for model 9910-D250 pumps. Includes built-in relief valve, single 1 1/2" HB return & four 3/4" HB outlets with individual shut-offs.



Gear Reduction Kits: 6:1 Gear Box for Standard Engine

No.	Model No.	For Pump Model
SPP9910-KIT1640	1910-KIT1640	9910-D30 6:1 Gearbox 5 HP Engine with 3/4" shaft
SPP9910-KIT1642	1910-KIT1642	9910-D50, D503, D703, D904 6:1 Gearbox 8-18 HP Engine with 1" shaft



1 3/8" - 6 Spline Female PTO Shafts

No.	Model No.	For Pump Model
SPP9910-KIT1704	1910-KIT1704	9910-D30, D50, D303, D403
SPP9910-KIT1708	1910-KIT1708	9910-D70, D115



- Kits include female PTO coupler and retaining clamp, torque arm and mounting bracket, chains, and necessary hardware.

1 3/8" - 6 Spline Male PTO Shaft Kits

No.	Model No.	For Pump Model
SPP9910-KIT1702	1910-KIT1702	9910-D30
SPP9910-KIT1706	1910-KIT1706	9910-D50
SPP9910-KIT1710	1910-KIT1710	9910-D70, D115



- Kits include male PTO shaft adapter, mounting bracket and necessary hardware.

1" Solid Shaft Kits

No.	Model No.	For Pump Model
SPP9910-KIT1703	1910-KIT1703	9910-D30
SPP9910-KIT1707	1910-KIT1707	9910-D50
SPP9910-KIT1711	1910-KIT1711	9910-D70, D115
SPP9910-KIT2202	1910-KIT2202	9910-D503, D303, D403
SPP9910-KIT2203	1910-KIT2203	9910-D813, D1064, D1265



Hydraulic Motor Flange Kits

Model 9910-HYD5312

- Hydraulic motor mounting flange kit
- Fits diaphragm pump Models 9910-D303, D403, D50, D503, D813, D1064, D1265 & D30
- Includes: one flange, 1" hollow shaft and two bolts.



Part No. SPP9910-HYD5312

Model 9910-HYD1570

- Hydraulic motor mounting flange kit
- Fits diaphragm pump Models 9910-D160 & D250
- Includes: one flange, one coupling, and hardware for mounting



Part No. SPP9910-HYD1570

DELAVAN POWERFLO 7800 SERIES DIAPHRAGM PUMPS



- 12 VDC permanent magnet, totally enclosed, non-ventilated
- 3 chamber positive displacement diaphragm pump, self priming, capable of being run dry, demand or bypass mode
- 3/8" FPT Ports
- Max. 60 PSI
- Max. 150°F (65°C)
- Priming Capabilities: 14 feet
- Santoprene diaphragm
- Viton valves

7811		
PSI	GPM	Amps
10	1.2	1.8
20	0.85	2.7
30	0.7	3.2
40	0.6	3.7
50	0.45	4.2
60	0.4	4.7

7812		
PSI	GPM	Amps
10	2	2.8
20	1.7	3.7
30	1.6	4.2
40	1.55	4.7
50	1.25	5.2
60	1.05	5.7

No.	Motor	GPM	Type	Connector
SPP7811-111	12 VDC	1.2	Bypass	Wire leads
SPP7811-201	12 VDC	1.2	Demand	2 pin connector
SPP7812-111	12 VDC	2	Bypass	Wire leads
SPP7812-201	12 VDC	2	Demand	2 pin connector
SPP7812-114	115 VAC	2	Bypass	6' power cord
SPP7812-104	115 VAC	2	Demand	6' power cord

With Quick Attach Ports				
SPP7801-201	12 VDC	1.2	Demand	2 pin connector
SPP7802-201	12 VDC	2	Demand	2 pin connector

5/8" Nylon Quick Attach Fittings				
SPP3DFA12			1/2" HB Straight	
SPP3DFA38			3/8" HB Straight	
SPP3DFE12			1/2" HB Elbow	
SPP3DFE38			3/8" HB Elbow	
SPP3DFF12			1/2" FPT Straight	
SPP3DFF38			3/8" FPT Straight	

DELAVAN POWERFLO 5800 SERIES DIAPHRAGM PUMPS



- 12 VDC permanent magnet, totally enclosed, non-ventilated
- 5 chamber positive displacement diaphragm pump, self priming, capable of being run dry, demand or bypass mode
- 1/2" FPT Ports
- Max. 60 PSI
- Max. 140°F (60°C)
- Priming Capabilities: 14 feet
- Santoprene diaphragm
- Viton valves

5836		
PSI	GPM	Amps
10	3.6	4
20	3.1	5.9
30	2.8	7.5
40	2.6	8.9
50	2.4	9.7
60	2.2	10.5

5850		
PSI	GPM	Amps
10	5	6
20	4.5	9
30	4.1	11
40	3.88	13
50	3.55	14.6
60	3.2	16.3

No.	Motor	GPM	Type	Connector
SPP5836-101E	12 VDC	3.6	Demand	Wire leads
SPP5836-111E	12 VDC	3.6	Bypass	Wire leads
SPP5836-103E	115 VAC	3.6	Demand	6' power cord
SPP5836-104C*	115 VAC	3.6	Demand	Wire leads
SPP5850-201E	12 VDC	5	Demand	Wire leads
SPP5850-111E	12 VDC	5	Bypass	Wire leads
SPP5850-114E	115 VAC	5	Bypass	6' power cord
SPP5850-104E	115 VAC	5	Demand	6' power cord

* Max. 45 PSI

DELAVAN POWERFLO 2200 SERIES DIAPHRAGM PUMP



Part No. SPP2200-201

- 12 VDC permanent magnet, thermally protected, splashproof
- 2 chamber positive displacement diaphragm pump, self priming, capable of being run dry
- 1 GPM
- 3/8" HB Ports
- Max. 40 PSI
- Max. 110°F (43°C)
- 2 pin connector
- Santoprene diaphragm
- Viton valves

PSI	GPM	Amps
0-3	1	1.5
10	0.85	1.9
20	0.71	2.1
30	0.61	2.4
40	0.42	2.6

12 VDC DELAVAN REPLACEMENT PUMP FOR FIMCO SPRAYERS



- 3/8" FPT Quick Ports
- Max. 2 GPM
- Max. 60 PSI
- Max. 140°F (60°C)
- Santoprene diaphragm
- Viton valves

Part No. 7822FS-201-SB



HIGH-FLO 12 VDC DIAPHRAGM PUMP

- Can be run dry without damage
- Santoprene diaphragms & Viton valves
- Includes on/off switch
- Ready for Round-up
- Ball bearing drive
- Built-in cooling fan
- Max. 130°F

No.	GPM	PSI	Amps
SPF5275703	2.1	60	8
SPF5275088	3.8	45	11

SHURFLO FLEXIBLE VANE IMPELLER 12 VDC PUMPS

- Used for pumping water, changing oil in equipment vehicles, boats
- Self priming up to 7½" vertical feet (2.3m)
- Maximum head of 23 feet (10 PSI) (.7 bar)
- Liquid temps from 40°F (5°C) to 185°F (85°C)
- Thermal overload protection
- Stainless steel shaft
- Buna-N impeller and lip seal
- Dual Ports (3/8" FPT x 3/4" MGHT)



PSI	GPM	Amps
0	3.8	6.5
5	3.4	7.1
10	2.5	8.0

No.	Description
SPP3000-350	*Premium *Includes: Built-in reverse switch & 8 ft. cable with battery clips (3000-050)

SHURFLO 12 VDC POWER TWIN PUMPS

- Excellent for transferring, light duty spraying, and use as a 1:1 proportioning pump
- Open flow 6.25 GPM
- 45 PSI Demand switch
- Self priming
- Long life pressure switch
- Santoprene diaphragm, Viton valves
- Thermally protected motor with heat sink
- Quiet balanced operation
- 1/2" MPT Ports
- Intake / Discharge Manifold optional



PSI	GPM	Amps
10	5.7	8.7
20	5.0	12.2
30	4.3	14.5
40	3.5	16.1

No.	Description
SPP4211-035	Standard
SPP4111-035	With 5/8" HB Manifold

SHURFLO 100 SERIES 12 VDC PUMPS

The 100 series is a positive displacement pump for flooded inlet, low volume, and low-pressure applications. Pump must be mounted below the supply tank to prime. Not for applications that require dry running.

12 VDC POSITIVE DISPLACEMENT PUMP



PSI	GPM	Amps
5	0.70	1.7
10	0.30	2.0
15	0	2.4

- With motor enclosure
- 3/8" HB
- EPDM elastomers

Part No. SPP100-000-21

12 VDC POSITIVE DISPLACEMENT PUMP



PSI	GPM	Amps
5	0.80	1.7
10	0.56	2.0
15	0.26	2.4

- Without motor enclosure
- 3/8" HB

No.	Seals	GPM
SPP100-000-20	EPDM, Buna	1
SPP100-000-29	Viton	1

HYPRO VERSA-TWIN 2150 SERIES DIAPHRAGM PUMPS



Hypro's Versa-Twin series of pumps are ideal for transferring a variety of fluids in applications such as carpet cleaning, pest control and turf spraying. PBT polyester pump bodies and heads provide excellent chemical resistance and the lightweight construction is ideal for mobile applications.

- Max temp: 140°F (60°C)
- Port sizes: 3/4" NPT flynut ready ports (2 Inlet, 2 Outlet)
- 2 polyurethane diaphragms

Part No. SPP2150P-D35DC

Max GPM	Max PSI	Motor Type
7	100	1/2 HP 12V DC, 35 amps

Part No. SPP2150P-D39DC

Max GPM	Max PSI	Motor Type
8.3	100	1/2 HP 12V DC, 56C, 39 amps

Part No. SPP2150P-D05AC

Max GPM	Max PSI	Motor Type
6.7	100	110 VAC, 60Hz AC

Part No. SPP2150P-D05EU

Max GPM	Max PSI	Motor Type
6.7	100	208-230 VAC, 50Hz



HYPRO SERIES 9700B AQUA-TIGER

Uses: Live well filling/circulation and uses not requiring a self priming pump

- 12 volt DC electric motor
- Max. 19 GPM
- Ports: 3/4" NPT inlet/outlet
- Max. fluid temperature: 140°F
- Max. current draw: 11 amps
- Bronze housing & impeller
- Weight: 6 lbs. / 2.7 kg
- Max. 7 PSI

No.	Mfg. No.
SPP9700B	9700B
Replacement Seal	
SPP19928	19928

5059 SERIES SHURFLO 12 VDC DIAPHRAGM PUMP



- Max 5.3 GPM
- Max 60 PSI
- 12 volt continuous-duty sealed motor
- Self-priming up to 8 feet
- Santoprene diaphragm
- Built-in 60 PSI pressure switch

No.	Type	Ports
SPP5059-1310-D011	Demand	1/2" FPT
SPP5059-1311-D011	Demand	1/2" Straight MPT
SPP5059-3610-D011	Bypass	1/2" FPT
SPP5059-3611-D011	Bypass	1/2" Straight MPT



8000 SERIES SHURFLO DIAPHRAGM 12 VDC BYPASS PUMPS

- Will continue to run without damage once bypass pressure is reached
- Ideal for applications where automatic demand switch is not desired
- Viton elastomers
- Self-priming up to 8 vertical feet
- Internal bypass
- Chemical-resistant materials
- Santoprene diaphragms
- 3/8" FPT ports

No.	Max GPM	Max PSI	Bypass	GPM @ 30 PSI
SPP8000-543-210	1.8	40	35 PSI	1.07
SPP8000-543-220	1.8	60	60 PSI	1.39
SPP8009-543-250	1.8	50	45 PSI	1.11



- 1.8 GPM open flow
- Buna valves, Geolast® diaphragm
- 35 PSI Internal bypass
- Nylon housing

Part No. SPP8000-643-210

8000 SERIES SHURFLO DIAPHRAGM 12 VDC NO CONTROL PUMP



- Designed for applications that have external pressure valves
- 1/4" adapter for external hook-up
- Max: 1.8 GPM ; 100 PSI

Part No. SPP8000-543-290



SHURFLO SLV SERIES 12 VDC DEMAND PUMPS

- Ideal for low volume, intermittent-duty applications
- No metals in fluid path for maximum chemical resistance
- Automatic demand; 25 PSI on/40 PSI
- Self-priming up to 2.5 vertical feet
- Long-life pressure switch
- Thermally-protected ball bearing motor with splash-proof housing
- 3/8" HB ports
- Max. 1 GPM
- Max. 30 PSI
- Viton valves
- Santoprene diaphragms

No.	Description
SPPSLV10-AA40	40 PSI Demand switch & Intergral On/Off switch
SPPSLV10-AA41	40 PSI Demand switch
SPPSLV10-AA48	40 PSI Demand switch, Manual switch & 2 pin connector



FLOJET 5100 AIR DRIVEN PUMP

- Max. 2.5 GPM
- Self priming up to 28ft
- Temperature range 40°F - 120°F
- 1/4" HB Air Inlet/Outlet
- 3/8" HB Liquid Inlet/Outlet
- 20 to 80 PSI
- Weight 1.10 lb

No.	Mfg. No.	Elastomers
SPPN5100050A	N5100-050A	Geolast
SPPN5100020A	N5100-020A	Viton
SPP05100-040	N5100-040A	Santoprene



FLOJET G57 AIR OPERATED DOUBLE DIAPHRAGM PUMP

- Capable of Air or CO2 drive pressures up to 100 PSI (6.9 bar)
- Capable of passing solids up to 3.2mm diameter easily with large clog-free check valves
- Corrosion resistant materials
- Leak resistant radial seals
- Quiet operation with large exhaust muffler
- Self-priming up to 15 feet
- Santoprene diaphragm
- Max: 7 GPM ; 100 PSI ; 120°F

No.	Mfg. No.	Ports	Air
SPPG575215A	G575215A	1/2" HB	1/4" HB
SPPG575225A	G575225A	3/4" HB	1/4" HB
SPPG575205A	G575205A	3/8" HB	1/4" HB
*SPPG573205A	G573205A	3/8" HB	1/4" HB
*SPPG573215A	G573215A	1/2" HB	1/4" HB

* Viton

FOAM MARKER PUMP



- 1.30 CFM at open flow
- .81 CFM at 10 PSI
- Max. 10 PSI
- 12 VDC; 1/8 HP Motor
- 8 Amps at rated speed

Part No. SPPFM1010



BOTTLED WATER DISPENSING SYSTEM

- Mfg. No. BW4000-000A
- Float switch for automatic shut-off when empty
- Built-in check valve to prevent back flow
- Universal cap fits most water containers
- Compact size for easy mounting: 6" x 8"
- 20 in. (6.1 m) discharge hose included
- 115 VAC; 0.5 Amps max
- Max. 40 PSI ; 1 GPM

Part No. SPPBW5000-000A

8000 Series Diaphragm 12 VDC Automatic Demand Pumps

- Self priming up to 8 feet [2.4m]
- Chemical resistant materials
- Designed for heavy duty spraying and fluid transfer applications.
- Can run dry without damage
- Built in check valve

The 8000 Series diaphragm pump is SHURflo's most widely used agriculture & industrial pump. Viton valve material assures maximum chemical resistance. The unique conical valve design delivers high flow rates at maximum discharge pressures, making the 8000 the pump of choice for sprayers used on the farm or around the yard.

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.57	4.2
40	1.38	5.6
60	1.23	7.2

Standard Pump

1.8 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-443-236	3/8" FPT
SPP8000-443-136	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.44	4.1
40	1.33	5.4
60	1.22	6.8

Transfer Pump

1.8 GPM open flow, Buna valves, Geolast diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-643-236	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.43	6.8
40	1.20	9.1
100	1.10	10.1
150	0.83	12.0

150 PSI High Pressure Pump

1.5 GPM open flow, Viton valves, Santoprene diaphragm, 150 PSI demand switch.

No.	Ports
SPP8030-813-239	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.45	4.2
40	1.31	5.6
60	1.22	6.5
100	0.96	8.7

High Pressure Pump

1.8 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch.

No.	Ports
SPP8000-543-238	3/8" FPT
SPP8000-543-138	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.61	4.4
40	1.45	5.7
60	1.35	7.0
100	1.15	9.3

High Pressure Pump

1.7 GPM open flow, EPDM valves, Santoprene diaphragm, 100 PSI demand switch.

No.	Ports
SPP8002-793-238	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	0.79	2.3
40	0.70	3.2
60	0.62	3.8

Lawn and Garden Pump

25 Gallon tank or less, 1.0 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI Demand Switch.

No.	Ports
SPP8000-541-236	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.26	5.0
40	1.14	6.2
60	1.02	7.3

Standard Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-543-236	3/8" FPT
SPP8000-543-136	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.26	5.0
40	1.14	6.2
60	1.02	7.3

Standard Pump w/ Reversed Pump Head

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8006-543-236	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMP



1.2 GPM Open Flow, 60 PSI Demand Switch, Viton Valves, Viton Diaphragm

No.	Ports
SPP8000-343-236	3/8" FPT

12 VDC AUTOMATIC DEMAND PUMPS WITH ELECTRICAL PACKAGE



PSI	GPM	Amps
10	1.16	1.06
30	0.64	1.39
50	0.14	1.67

Demand Pump w/ Electrical Package

1.0 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch, Elect. Pkg. w/Manual On/Off Switch 2 Pin Connector.

No.	Ports
SPP8007-591-236	3/8" FPT



PSI	GPM	Amps
20	1.65	1.70
40	1.52	2.20
60	1.41	2.55
100	1.22	3.30

Demand Pump w/ Electrical Package

1.8 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch, Elect. Pkg. w/Manual On/Off Switch 2 Pin Connector an Fuse.

No.	Ports
SPP8007-543-836	3/8" FPT



12 VDC Bypass Pump

1.8 GPM
50 PSI
Viton Valves, Santoprene Diaphragm

No.	Ports
SPP8007-543-850	3/8" FNPT

- Self priming up to 12 vertical feet (3.7m)
- Built-in check valve (may vary by models)
- Prevents back flow of fluid through the pumps
- Continuous duty motor (fin cooled version only)
- Chemical resistant materials
- Can run dry without damage

Shurflo 2088 Series demand pumps deliver reliable performance in high flow, moderate pressure applications. They are used in a variety of spraying, and transferring applications that require flows of up to 3.6 GPM (13.6 l/min). They are available in a variety of chemical resistant materials, can be mounted in any position, and are designed for easy maintenance.

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.80	5.3
20	2.69	5.5
30	2.36	6.7
40	2.05	7.1

Standard Pump

3.0 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-343-135	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.83	5.8
20	2.56	7.0
30	2.31	8.0
40	2.02	9.1

Standard Pump

3.5 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-443-144	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.7	5.5
20	2.5	6.7
30	2.2	8.0
40	2.0	8.8

Standard Pump

3.2 GPM open flow, Buna valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-643-144	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.9	5.6
20	2.6	7.1
30	2.3	8.4
40	2.07	9.0

Premium Pump w/ Fin Cooled Motor

3.6 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-514-145	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.83	6.4
20	2.56	7.6
30	2.31	8.7
40	2.02	9.5

Premium Pump w/ Fin Cooled Motor

3.6 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-313-145	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.90	5.6
20	2.60	7.1
30	2.30	8.4
40	2.07	9.0

Premium Pump w/ Splash-Proof ShurCoated Motor

3.6 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-713-534	1/2" MSPT

12 VDC BYPASS PUMP



PSI	GPM	Amps
10	2.9	5.6
20	2.6	7.1
30	2.3	8.4
40	2.07	9.0

Standard Pump

3.3 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI bypass.

No.	Ports
SPP2088-344-500	1/2" MSPT

12 VDC AUTOMATIC DEMAND PUMP



100 PSI Demand Switch
Viton Valves, Santoprene Diaphragm

No.	Ports
SPP8001-594-839	3/8" FPT

12 VDC NO CONTROL 1/4" FRONT ADAPTER PUMP



PSI	GPM	Amps
10	3.00	5.0
30	2.38	5.0
40	2.14	8.3
50	1.86	9.1

Front Adapter Pump w/ Electronic Package

3.3 GPM open flow, Viton valves, Santoprene diaphragm, 1/4 on/off power switch, Fuse holder prewired w/ 2-wire molded connector.

No.	Ports
SPP2088-343-170	1/2" MSPT

12 VDC BYPASS PUMP



PSI	GPM	Amps
10	3.5	8.0
20	2.5	11.0
30	1.6	11.6
40	0.6	13

Standard Bypass Pump

4.0 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-514-500	1/2" MSPT

12 VDC BYPASS PUMP



PSI	GPM	Amps
10	2.79	5.8
30	2.26	8.3
40	1.99	9.3
50	1.69	10.1

Standard Bypass Pump

1/4 Front port no switch, 3.30 Open flow, Viton valves, Santoprene diaphragm.

No.	Ports
SPP2088-343-500	1/2" MSPT

12 VDC BYPASS PUMP



PSI	GPM	Amps
10	2.80	5.3
30	2.36	6.7
50	1.42	8.0

Standard Bypass Pump

3.0 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI demand switch, On / Off manual sw.

No.	Ports
SPP2087-593-135	1/2" MSPT

SHURFLO SLV SERIES 24 VDC AUTOMATIC DEMAND PUMP

- Automatic demand, 25 PSI on/40 PSI
- Self priming up to 2.5 vertical feet [.76 m]
- Long life pressure switch
- Santoprene diaphragm, Viton valves
- Integral on/off switch optional
- Thermally protected ball bearing motor with splash proof housing
- Internal fan radiates heat, external heat sink not required



PSI	GPM	Amps
3	0.90	0.89
10	0.73	1.00
20	0.62	1.15
30	0.49	1.23

The SLV series is ideal for low volume intermittent duty application requiring a compact pump with low power consumption. Unique design has no metals in the fluid path for maximum chemical resistance. Pump features include automatic demand operation and elastomers that handle a wide variety of chemicals. Perfect for low volume spraying and transfer.

1.0 GPM open flow, Viton valves, Santoprene diaphragm, 40 PSI Demand Switch

No.	Ports
SPPSLV10-AB41	3/8" HB

SHURFLO 8000 SERIES 24 & 36 VDC AUTOMATIC DEMAND PUMPS

- Self priming up to 8 vertical feet (2.4 m)
- Chemical resistant materials
- Designed for heavy duty spraying and fluid transfer applications
- Can run dry without damage
- Built in check valve

The 8000 Series diaphragm pump is Shurflo's most widely used industrial pump. With spherically shaped valves and automatic demand switch, these pumps deliver consistent, dependable operation and priming.

24 VDC AUTOMATIC DEMAND PUMPS



PSI	GPM	Amps
20	1.04	1.5
40	0.87	2.0
50	0.92	2.2
60	0.84	2.4

1.0 GPM open flow, Buna valves, Geolast diaphragm, 60 PSI Demand switch, w/ 60 PSI Internal Bypass



PSI	GPM	Amps
20	1.46	2.4
40	1.33	3.0
60	1.22	3.5
100	1.02	4.5

1.6 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI Demand Switch

No.	Ports
SPP8000-151-296	3/8" FPT

No.	Ports
SPP8000-853-238	3/8" FPT

36 VDC AUTOMATIC DEMAND PUMPS



PSI	GPM	Amps
10	1.16	1.06
20	1.00	1.24
40	0.34	1.54
50	0.14	1.67

1.2 GPM open flow, Viton valves, Viton diaphragm, 50 PSI Demand Switch w/ 45 PSI Internal Bypass.



PSI	GPM	Amps
20	1.52	1.40
40	1.40	1.88
60	1.30	2.32
100	1.10	3.10

1.6 GPM open flow, EDPM valves, Santoprene diaphragm, 100 PSI Demand Switch.

No.	Ports
SPP8000-082-255	3/8" FPT

No.	Ports
SPP8000-783-238	3/8" FPT

SHURFLO 2088 SERIES 24 & 36 VDC AUTOMATIC DEMAND PUMP

- Self priming up to 12 vertical feet (3.7 m)
- Can run dry without damage
- Built in check valve prevents back flow
- Continuous duty motor (fin cooled version only)
- Chemical resistant materials

Shurflo 2088 is ideal in industrial applications that require flow rates up to 3.6 GPM (14.0 l/min) with low amp draw. They are used in a variety of spraying and transferring applications. They are available in a variety of chemical resistant materials. These pumps are ideal for offroad or road maintenance equipment applications.

24 VDC AUTOMATIC DEMAND PUMPS



PSI	GPM	Amps
10	2.80	2.41
20	2.25	2.63
30	1.75	2.73
40	1.25	2.71

3.0 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI Demand switch.

No.	Ports
SPP2088-474-144	1/2" MSPT



PSI	GPM	Amps
10	3.17	3.1
20	2.92	3.6
30	2.63	4.1
40	2.34	4.5

3.6 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI Demand switch.

No.	Ports
SPP2088-573-534	1/2" FPT

36 VDC AUTOMATIC DEMAND PUMPS



PSI	GPM	Amps
10	3.16	2.1
20	3.00	2.5
30	2.76	2.9
40	2.52	3.2

3.3 open flow, Viton valves, Santoprene diaphragm, 1/4" FPT Adapter mounted on switch port.

No.	Ports
SPP2088-483-124	1/2" MSPT

- Self priming up to 8 vertical feet (2.4m)
- Chemical resistant materials
- Can run dry without damage

Shurflo 8000 Series diaphragm pump is shurflo's most widely used industrial pump. With it's spherically shaped valves and internal bypass these pumps are the pump of choice for applications requiring consistent, dependable operation and priming. These 115 VAC pumps deliver up to 1.4 GPM (5.3 l/min). Pumps can be mounted in any position and are designed for easy maintenance.

115 VAC BYPASS PUMP



PSI	GPM	Amps
10	1.36	0.34
40	0.65	0.51
50	0.19	0.54

Standard Bypass Pump

1.4 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-933-250	3/8" FPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
10	1.36	0.34
40	0.65	0.51
50	0.19	0.54

Standard Bypass Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI internal bypass.

No.	Ports
SPP8000-533-250	3/8" FPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
60	0.97	0.61
80	0.81	0.69
100	0.38	0.77

High Pressure Bypass Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 120 PSI internal bypass.

No.	Ports
SPP8000-812-280	3/8" FPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
20	1.13	0.39
60	0.94	0.55
100	0.60	0.67

High Pressure Bypass Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch w/ 80 PSI internal bypass.

No.	Ports
SPP8000-812-288	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.71	0.65
20	2.41	0.77
30	2.10	0.89
40	1.84	0.98

Standard Pump

3.2 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-394-154	1/2" MSPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.60	0.58
20	2.34	0.67
30	2.08	0.76
40	1.85	0.85

Standard Pump

3.3 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-594-154	1/2" MSPT

HYPRO CENTRIFUGAL PUMP



- Housing: Noryl - chemical resistant, coated, cast iron bearing housing
- Impeller: Noryl
- Shaft seals: Viton/ceramic with polypropylene case
- Port sizes: 1½" NPT inlet, 1½" NPT outlet
- Close-coupled 1½ HP 115/208-230 Volt AC motor
- Max flow rate: 91 GPM (free flow)
- Max pressure: 35 PSI (shut off)
- Max speed: 3450 RPM
- Max Temp: 140°F / 60°C

Part No. SPP9940-9753NRL

- Self priming up to 8 vertical feet (2.4m)
- Chemical resistant materials
- Can run dry without damage
- Built-in check valve
- UL/CUL recognized components

Shurflo 115 VAC 8000 & 8005 Series demand pumps provide the same reliability as the 12 VDC version, with flow rates up to 1.6 GPM (6.1 l/min). They are ideal in industrial applications that require high pressure, with low amp draw. They can be mounted in any position, are compact, and are designed for easy maintenance.

PUMP TYPES - 12 / 115 VOLT

DEMAND PUMP - Has a high and low pressure switch on pump. Use with a pressure relief valve to prevent cycling on low demands.

BYPASS PUMP - Runs continuously bypassing excess volume over a preset pressure.

STANDARD PUMP - No pressure switch or bypass. Used on Foam Markers or other applications where pump can not be overloaded.

BYPASS/DEMAND PUMP - Has a high and low pressure switch on pump and a internal bypass to prevent cycling when useage is less than pump flow.

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.15	0.46
40	0.97	0.55
60	0.85	0.64

Standard Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-533-236	3/8" FPT

115 VAC AUTOMATIC DEMAND/BYPASS PUMP



PSI	GPM	Amps
20	1.29	0.40
40	0.67	0.49
60	0.05	0.54

Standard Pump w/ Bypass

1.6 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch w/ 45 psi internal bypass.

No.	Ports
SPP8005-733-255	3/8" FPT
SPP8005-733-155	1/2" MSPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.26	0.51
40	1.11	0.61
60	1.00	0.70
100	0.85	0.85

High Pressure Pump

1.6 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch.

No.	Ports
SPP800-813-238	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.15	0.46
40	0.97	0.55
60	0.85	0.64

Transfer Pump

1.4 GPM open flow, Buna valves, Geolast diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-633-236	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	0.89	0.40
40	0.76	0.48
60	0.64	0.54

All Viton Pump

1.0 GPM open flow, Viton valves, Viton diaphragm, 60 PSI demand switch.

No.	Ports
SPP8000-033-236	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.24	0.45
60	1.04	0.66
120	0.77	0.92
150	0.63	1.00

150 PSI High Pressure Pump

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 150 PSI demand switch.

No.	Ports
SPP8030-863-239	3/8" FPT

115 VAC AUTOMATIC DEMAND/BYPASS PUMP



PSI	GPM	Amps
20	1.29	0.43
60	1.05	0.63
100	0.50	0.82

High Pressure Pump w/ Bypass

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch w/ 80 PSI internal bypass.

No.	Ports
SPP8000-813-288	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.26	0.47
40	1.07	0.57
60	0.94	0.66

Standard Pump

1.4 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8005-233-236	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.30	0.49
60	1.04	0.68
100	0.87	0.84

High Pressure Pump

1.6 GPM open flow, EPDM valves, Santoprene diaphragm, 100 PSI demand switch.

No.	Ports
SPP8000-713-238	3/8" FPT

Call for information if part numbers are not listed (-)

1-888-937-7278

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- Self priming up to 8 vertical feet (2.4m)
- Chemical resistant materials
- Can run dry without damage
- Built-in check valve
- 6' power cord (1.8m)

SHURflo 8000 & 2088 Series demand pumps provide the same reliability as the 12 VDC version, with flow rates up to 24 GPM. They are ideal in industrial applications that require high pressure, with low amp draw. They can be mounted in any position, are compact, and are designed for easy maintenance.

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.26	0.40
40	1.08	0.49
50	0.96	0.54
60	0.92	0.57

Standard Pump with 6' Power Cord

1.4 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8025-213-236	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.32	0.45
40	1.14	0.58
60	1.07	0.70
100	0.91	0.95

High Pressure Pump with 6' Power Cord

1.6 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch.

No.	Ports
SPP8020-833-238	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.52	0.44
40	0.86	0.54
60	0.03	0.61

Standard Pump with 6' Power Cord

1.7 GPM open flow, EPDM valves, Santoprene diaphragm, 60 PSI demand switch, w/ 45 PSI internal bypass.

No.	Ports
SPP8025-733-256	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
20	1.15	0.51
50	0.90	0.65
60	0.84	0.70

Standard Pump with 6' Power Cord

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 60 PSI demand switch.

No.	Ports
SPP8020-513-236	3/8" FPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
20	1.14	0.45
40	1.00	0.54
100	0.48	0.78

High Pressure Bypass Pump with 6' Power Cord

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 100 PSI demand switch w/ 80 PSI internal bypass.

No.	Ports
SPP8020-832-288	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.4	0.55
20	2.2	0.60
30	1.9	0.65
40	1.6	0.70

Standard Pump with 6' Power Cord

3.0 GPM open flow, Santoprene valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-594-144	1/2" MSPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
20	1.14	0.45
60	0.92	0.63
80	0.80	0.70

Externally Adjustable Bypass Pump with 6' Power Cord

1.1 GPM open flow, 150 PSI, Viton valves, Santoprene dia, Externally adjustable bypass.

No.	Ports
SPP8020-822-299	3/8" FPT

115 VAC BYPASS PUMP



PSI	GPM	Amps
10	1.4	0.33
40	0.8	0.56

Standard Bypass Pump with 6' Power Cord

1.4 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI internal bypass.

No.	Ports
SPP8020-503-250	3/8" FPT

115 VAC AUTOMATIC DEMAND PUMP



PSI	GPM	Amps
10	2.4	0.55
20	2.2	0.60
30	1.9	0.65
40	1.6	0.70

Standard Pump with 6' Power Cord

3.0 GPM open flow, Viton valves, Santoprene diaphragm, 45 PSI demand switch.

No.	Ports
SPP2088-394-144	1/2" MSPT

FLEXIBLE VANE IMPELLER PUMP

- Used for pumping water, changing oil in equipment vehicles & boats
- Self priming up to 7½" vertical feet (2.3 m)
- Maximum head of 23 feet (10 PSI) (.7 bar)
- Liquid temps from 40°F(5°C) to 185°F(85°C)
- Thermal overload protection
- Stainless steel shaft
- Buna-N impeller and lip seal
- Dual Ports (3/8" FPT x 3/4" MGHT)

115 VAC IMPELLER PUMP



PSI	GPM	Amps
0	3.8	0.68
5	3.4	0.74
10	2.5	0.77

Standard

Flex-vane Standard 115 VAC pump with 6' power cord.

No.	Ports
SPP3000-100	3/8" FPT

FLOJET - 12 VOLT PUMPS



115 VAC

No.	SPP02100840A	SPPD3131E1311A	SPP02100573A	SPP4300-143A	SPP04300504A	SPP02100032A	SPP04300043A
Description	Standard	Standard	Industrial	Quad Model	High Volume	Diaphragm Pump	Quad Model
Mfg. No	02100840A	2100-647	2100-573	4300-143A	4300-504	02100032A	4300-043
US GPM	2.1	1	2	4.7	5	1.9	5
Max. PSI	50	50	50	45	35-45	60	30-45
Ports	3/8" FPT	3/8" FPT	3/8" FPT	3/8" FPT	3/4" HB	3/8" FPT	3/4" HB
Max. Temp.	130°F (54°C)	130°F (54°C)	130°F (54°C)	130°F (54°C)	130°F (54°C)	130°F (54°C)	130°F (54°C)
Max. Amps	8	8	8	8	12	0.55	1.5
Valve Material	Buna	Santoprene	Santoprene	Buna	Viton	Santoprene	EPDM
Diaphragm Material	Buna	Santoprene	Santoprene	Buna	Santoprene	Santoprene	Santoprene
Pump Body Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene

VERSIJET SERIES HIGH CAPACITY PUMPS



With pressures up to 70 PSI (4.8 bar), self-priming capabilities up to 10 feet (wetted), and heavier duty brushes extending the operating life up to 50% longer than existing Flojet Quad Series diaphragm pumps, the Flojet VersiJet pumps are designed to be the most reliable and versatile pumps on the market today. These pumps are the ideal solution for applications including spraying, fluid transfer, filtration, cooling, dispensing and pressure boosting.

- Robust material selection, suitable for handling a broad range of chemicals
- Co-injected molded diaphragm technology, ensuring run dry capability, extending the life of the pump upwards of 50%
- IPX6 rated pump with a sealed motor and pressure switch, providing years of dependable reliability
- Santoprene diaphragm; Viton check valve

No.	Mfg. No.	Description	Volts	GPM	Max PSI	Ports
SPPR8600134A	R8600134A	Demand w/ 70 PSI shut-off pressure switch	12v	6	70	3/4" HB
SPPR8620134A	R8620134A	Internal by-pass @ 70 PSI, no pressure switch	12v	6	70	3/4" HB
-	R8630134A	Demand, 70 PSI pressure switch & internal by-pass	12v	6	70	3/4" HB
SPP08500501A	08500501A	Demand, 20 PSI pressure switch, no by-pass, w/ power cord	115VAC	5	20	1/2" HB
SPPR3521339A	R3521339A	24 VDC Diaphragm Pump, 60 PSI & 4 GPM	24VDC	4	60	1/2" HB
SPPD3225H1411A	D3225H1411A	Flojet 24 VDC - Duplex II Diaphragm Pump	24VDC			

SHURFLO SWIVEL PUMP FITTINGS

PVC FEMALE SWIVEL ADAPTERS



No.	FPT	HB
SPP8-072-01	1/2"	1/4"
SPP234-2916	1/2"	3/8"
SPP234-2926	1/2"	1/2"

PVC FEMALE SWIVEL ELBOW ADAPTERS



No.	FPT	HB
SPP234-3916	1/2"	3/8"
SPP234-3926	1/2"	1/2"

FLOJET FITTINGS FOR QUAD PORTS



No.	Type	Size
SPP20381015	Straight	1/2" HB
SPP20381014	Straight	3/4" HB
SPP20381017	Elbow	1/2" HB
SPP20381018	Elbow	3/4" HB
SPP20381007	Straight	MGHT

PUMP ACCESSORIES



- 2 GALLON ACCUMULATOR TANK**
- Max. 100 PSI
 - 20 PSI pre-charge

No.	Ports
SPP3400-002	1/2" FPT
SPP181-201	1/2" FPT



TWIST-ON WATER STRAINER

- PVC Body; EPDM Gasket
- 80 mesh screen

No.	In	Out
SPP255-213	1/2" FPT	1/2" MPT
SPP255-223	1/2" FPT	3/8" HB



PULSATION DAMPENERS

- Mounts on outlet of pump
- Max 3100 PSI
- 580 PSI pre-charge
- 0.16 Litre
- Weight 1.82 lbs.
- Steel alloy

No.	FPT
SPP85.300.047	3/8"

FLOJET VERSIJET PORT ADAPTER KIT

Includes 2 Viton seals

No.	Description
SPP20381702	3/4" HB Straight
SPP20381712	3/4" HB Elbow
SPP50641-1000	1" HB Elbow



SHURFLO HEAT SINK

- Assists in cooling
- Fits all pumps

No.	ID x Length
SPP34-006	3"
SPP34-007	5"



ACCUMULATOR TANK

- 1 Litre
- 125 PSI Max.

Part No. -

SHURFLO MINI-BULK PUMPS



The SF-1100 Series Bulk Chemical Pumps are designed for efficiency and power to handle highly viscous fluids.

- Specialized EPDM elastics or Viton option
- 12 volt DC or 110 volt AC motor option
- 20 foot (6 m) cord with alligator clips and in-line fuse (DC only)
- Weather protected on/off switch
- Internal bypass to protect the pump at shut-off
- 2" MPT inlet, 1" FPT outlet
- Capable of priming up to 12 feet (3.7 m)

No.	Valves	Motor
SPWSF-1100	EPDM	12 VDC
SPWSF-1100-110V	EPDM	110 VAC
SPWSF-1105	Viton	12 VDC

Model	PSI	BAR	GPM	L/min	Amps
SF-1100 and SF-1105	0	0.0	10.7	40	9.3
	5	0.3	10.1	38	10.3
	10	0.7	8.7	33	12.3
	15	1.0	7.6	29	13.9

SHURFLO AG RUNNER



The Shurflo AG Runner Transfer Pump System is designed to safely and accurately transfer bulk chemicals to the point of use.

- Industry leading pump
- Portable
- Can be used with a variety of bulk containers
- Built for rugged service with a heavy-duty welded frame
- Simple and accurate flow indicator
- Includes: Chemical Transfer Pump with 12 VDC motor, 20 ft. (6 m) cable, alligator clips and in-line fuse, electronic flow meter, 1" MPT x 12 ft. (3.7 m) EPDM discharge hose with ball valve & spout, and 1" MPT x 12 ft. (3.7m) EPDM inlet hose with 1" elbow, ball valve & cam lock

EPDM: with meter - **Part No. SPWSF-1100-PTS**
without meter - **Part No. SPWSF-1100-PTSI-00**

Viton: with meter - **Part No. SPPSF-1105-PTSI-00**
without meter - **Part No. SPPSF-1105-PTSI-00**

No.	Description
SPP94-719-00	Diaphragm kit
SPP94-720-00	EPDM valve kit
SPP94-720-05	Viton valve kit

SOTERA CHEMTRAVELER



- 13 GPM
- Top and bottom of tote adapter kits
- 1" x 9' EPDM Hose
- Glass-filled polypropylene housing
- Thermal overload protection
- 15 PSI
- Santoprene diaphragms
- 1" x 12' EPDM Hose
- Max. Temp: 130°F
- Up to 0.1" diameter solids
- Tubular frame assembly
- EPDM seals
- Shutoff ball valve
- 10 ft. suction lift

No.	Mfg. No.	Description
SPPSS435BBX713	SS435BX713	12 VDC
SPPSS435-825	SS435B	12 VDC, 825 Meter
SPPSS465BX713	SS465BX713	115VAC



**XSTREAM
POWEREASE
7.0 HP**

- 210cc Powerease engine
- Recoil start & low oil shutdown
- Fuel tank capacity 0.95 Gal. (3.6L)
- Fibreglass reinforced poly pump & impeller
- 26' suction lift

No.	In/Out MPT	GPM	Total Lift
SPPNP-2070R	2"	154	115'
SPPNP-3070R	3"	265	92'



**XSTREAM
HONDA GC160
5.0 HP**

- 160cc Honda engine
- Recoil start
- Fuel tank capacity 0.5 Gal. (1.8L)
- Fibreglass reinforced poly pump & impeller
- 26' suction lift

No.	In/Out MPT	GPM	Total Lift
SPPNP-2050HR	2"	154	115'



**XSTREAM
HONDA GX200
6.5 HP**

- 196cc Honda engine
- Recoil start & low oil alert
- Fuel tank capacity 0.82 Gal. (3.1L)
- Fibreglass reinforced poly pump & impeller
- 26' suction lift

No.	In/Out MPT	GPM	Total Lift
SPPNP-2065HR	2"	154	115'
SPPNP-3065HR	3"	265	92'

HYPRO POLYPROPYLENE 2" & 3" TRANSFER PUMPS



1543P-130SP
Gas engine



9343P-GM6-SP
Hydraulic

Achieve the highest performance available in a 3" poly transfer pump (up to 484 GPM) with the highest efficiency and horsepower on the market. Ideal for nurse tank transfer and other closed system applications. The polypropylene housing and EPDM elastomers protect the pump from most chemicals and corrosive environments.

- Gas engine mount, pedestal mount or hydraulic drive options available
- Gas engine-driven versions powered by field proven
- 13 HP Hypro PowerPro™ engine or Honda GX390
- Housing: 3" x 3" Polypropylene
- Pump Seals: EPDM mechanical
- Suction lift: 25 ft. / 7.62m
- Poly impeller with stainless steel insert



9243P-SP
Pedestal

No.	Max. GPM	Max. PSI	Port Size	Engine
SPP1543P-130SP	440	54	3" x 3" FPT	PowerPro 13 HP
SPP1543P-130ESP	440	54	3" x 3" FPT	PowerPro 13 HP w/ elec. start
*SPP1543P-130ESP-01	440	54	300 x 300 UF	PowerPro 13 HP w/ elec. start
SPP1543P-390EHSP	440	54	3" x 3" FPT	Honda GX390 w/ elec. start
SPP9243P-SP	460	54	3" x 3" FPT	Pedestal
SPP9343P-GM6-SP	450	52	3" x 3" FPT	Hydraulic
SPP9343P-GM10-SP	484	58	3" x 3" FPT	Hydraulic
SPP9342P-HM1C-5SP	200	58	2" x 2" FPT	Hydraulic
SPP9342P-HM5C-5SP	206	60	2" x 2" FPT	Hydraulic

* Pump housing with flanged ports for 1543P-130ESP-01 - Part No. SPP0101-1543P

Head Kit for Small Engine

No.	Description
SPP3430-0692	3" Poly Transfer Pump Head Kit for Small Engine. *Requires 1" Shaft.



Seal Repair Kit

No.	Description
SPP3430-0757	Hypro 1543P Series Pump EPDM



- High strength polypropylene
- Corrosion resistant
- Lightweight - portable
- High performance impellers
- EPDM standard, Viton available



* All pumps available with Wetseal Technology, call for pricing

2" POLY PUMPS W/ GAS ENGINES - 6.5 HP

No.	Description
SPP200P6PRO	2" Poly pump, Briggs & Stratton
SPP200P6PROE	2" Poly pump, Briggs & Stratton w/elec. start
SPP200PH6	2" Poly pump, Honda engine

2" SUPER POLY MANIFOLD PUMPS W/ GAS ENGINES - 6.5 HP

No.	Description
SPPM220P6PRO	2" FP Manifold super pump, Briggs & Stratton
SPPM220P6PROE	2" FP Manifold, Briggs & Stratton w/elec. start
SPPM220PH6	2" FP Manifold super pump, Honda engine

2" POLY BEARING PEDESTAL - 200PB

No.	Description
SPW200PB	w/ 3/4" shaft & 3 vane impeller

2" POLY MANIFOLD BEARING PEDESTAL

No.	Description
SPPM220PB	w/ 3/4" shaft & 3 vane impeller

2" POLY PUMP ONLY - 200PO

No.	Description
SPW200PO	2" Poly pump only w/ 3 vane impeller

2" POLY MANIFOLD PUMP ONLY

No.	Description
SPPM220PO	w/ 3/4" shaft & 3 vane impeller

2" CAST IRON HYDRAULIC PUMP 12 HP MOTOR

No.	Description
SPP200PIHY	w/ 40 PSI & 170 GPM

2" POLY HYDRAULIC PUMP 12 HP MOTOR

No.	Description
SPP200PHYV	w/ 3600 R.P.M. & Max 10 Gallons

3" POLY PUMPS W/ GAS ENGINES

No.	Description
SPP300P6PRO	3" Poly pump, 6.5 HP Briggs & Stratton
SPP300P6PROE	3" Poly, 6.5 HP Briggs & Stratton w/elec. start
SPW300PH-6	300PH-6, 3" Poly pump, 6.5 Honda engine
SPP300P11PRO	11 HP Briggs & Stratton w/elec. start & pull rope

3" POLY MANIFOLD PUMPS W/ GAS ENGINES

No.	Description
SPPM300P6PRO	3" Poly pump, 6.5 HP Briggs & Stratton
-	3" Poly, 6.5 HP Briggs & Stratton w/elec. start
SPPM300PH6	3" Poly pump, 6.5 Honda engine
SPPM300P11PRO	11 HP Briggs & Stratton w/elec. start & pull rope

3" POLY BEARING PEDESTAL - 300PB

No.	Description
SPW300PB	w/ 3/4" shaft & 4 vane impeller

3" POLY MANIFOLD BEARING PEDESTAL

No.	Description
SPPM300PB	w/ 3/4" shaft & 4 vane impeller

3" POLY PUMP ONLY - 300PO

No.	Description
SPW300PO	w/ 3/4" shaft & 4 vane impeller unassembled

3" POLY MANIFOLD PUMP ONLY

No.	Description
-	w/ 3/4" shaft & 4 vane impeller unassembled

3" POLY HYDRAULIC PUMP 12 HP MOTOR

No.	Description
SPP300PHYV	w/ 35 PSI & 290 GPM



GENERAL PURPOSE WATER PUMPS

No.	Size	GPM	Engine
SPPWP-1020R	1"	42	2.0 HP
SPPWP-2070S	2"	158	7.0 HP
SPPWP-3070S	3"	264	7.0 HP
SPPWP-4015R	4"	422	15.0 HP

No.	Size	GPM	HP	Engine
SPPWP-2050HL	2"	158	5.0	GC160
SPPWP-2065HL	2"	158	6.5	GX200
SPPWP-3065HL	3"	264	6.5	GX200

TRASH PUMPS

No.	Size	GPM	Engine
-	2"	125	7.0 HP
SPPTP-3070R	3"	264	7.0 HP

No.	Size	GPM	HP	Engine
SPPTP-2065HT	2"	125	6.5	GX200
SPPTP-3065HR	3"	264	6.5	GX200
SPPTP-3015HM	3"	370	13	GX390

HIGH PRESSURE WATER PUMPS



Part No.

- 210cc Powerease engine
- Recoil start & low oil shutdown
- Centrifugal aluminum pump
- Heavy duty aluminum impeller
- 2" MPT Intake & Outlet connection
- 7 HP
- 126 GPM
- 197' Total lift
- 26' Suction lift



Part No.
SPPHP-2065HR

- 196cc Honda GX200 engine
- Recoil start & oil alert
- Centrifugal aluminum pump
- Heavy duty aluminum impeller
- 2" MPT Intake & Outlet connection
- 6.5 HP
- 126 GPM
- 197' Total lift
- 26' Suction lift



Part No.
SPPHP-2013HR

- GX390 389cc Honda engine
- Recoil start & low oil alert
- Fuel tank capacity 1.8 Gal. (6.1L)
- Centrifugal cast iron pump
- Heavy duty aluminum impeller
- 330' Total lift (145 PSI)
- 26' Suction lift
- 2" MPT In/Out
- 140 GPM

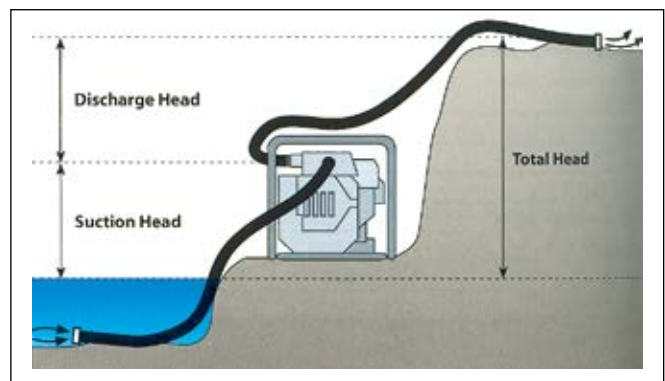


50' Fire Hose
Part No. SPP50.015.001

The diagram on the right is to show how to set up a water or trash pump in relation to the water level, suction hose and discharge hose.

Total pump head refers to the amount of lift (suction head) and push (discharge head) a pump is capable of. For best performance, place the pump as near to the water source as possible. This produces the greatest output with the least priming time. Since discharge head capability is always greater than suction head capability, it is important that suction head always be the shorter part of the total head.

Operation Tip: If the unit does not pump water right away, continue to add water through the priming plug until it is full.



Call for information if part numbers are not listed (-)

1-888-937-7278

STANDARD LAY FLAT PVC DISCHARGE HOSE (BLUE)

An economical hose for discharge of water and some chemicals.

- Temperature rating: -10°C to 55°C (15°F to 150°F)



No.	I.D.	Max. PSI	Roll
SPP85-150	1½"	70	300'
SPP85-200	2"	65	300'
SPP85-300	3"	55	300'
SPP85-400	4"	50	100'
SPP85-600	6"	35	100'

HEAVY DUTY LAY FLAT PVC DISCHARGE HOSE (RUST)

- Higher pressure rating
- Excellent for use on fire nozzles
- More abrasive resistant



No.	I.D.	Max. PSI	Roll
SPP86-150	1½"	100	300'
SPP86-200	2"	100	300'
SPP86-250	2½"	100	300'
SPP86-300	3"	90	300'
SPP86-400	4"	90	100'
SPP86-600	6"	90	100'

PVC SUCTION HOSE

- Uses: Air seeder lines, foam markers, well point systems, liquid fertilizer transfer, irrigation lines
- Smooth bore construction
- Temperature -4°F to 150°F
- Clear with colored helix
- 100 ft. Roll



No.	I.D.	Max. PSI	Roll
SPP81-075	3/4"	110	100'
SPP81-100	1"	85	100'
SPP81-125	1¼"	85	100'
SPP81-150	1½"	70	100'
SPP81-200	2"	65	100'
SPP81-250	2½"	65	100'
SPP81-300	3"	65	100'
SPP81-400	4"	55	100'
SPP81-600	6"	40	100'

Cold Temperature PVC Suction Hose Stays Flexible to -40°F (-40°C)

No.	I.D.	Max. PSI	Roll
SPP81-125C	1¼"	100	100'
SPP81-150C	1½"	90	100'
SPP81-200C	2"	80	100'
SPP81-250C	2½"	65	100'
SPP81-300C	3"	65	100'

EPDM SUCTION HOSE WITH POLY HELIX

EPDM suction combines the best qualities of rubber and plastic. Like PVC suction hoses, it is lightweight, flexible, with a hard, non-marking cover. Like rubber suction hose, it is weather and mild-chemical resistant and will stay flexible at very low temperatures. An excellent choice for septic tank cleaning and in farming, mining, and construction.

- Black EPDM rubber embedded with a bright green polyethylene helix
- Temperature -40°C (-40°F) to 70°C (158°F)
- 50 PSI Max.
- 100 ft. Roll



No.	I.D.	Roll
SPP82-125	1¼"	100'
SPP82-150	1½"	100'
SPP82-200K	2"	100'
SPP82-300K	3"	100'

20 FOOT PVC SUCTION HOSE ASSEMBLIES



Not as shown, comes in white

Suction hoses come complete with female cam-lock, galvanized combination nipple attached with band clamps.

**Strainer not included

No.	I.D.	Roll
SPP87-200	2"	20'
SPP87-300	3"	20'
SPP87-400	4"	20'

50 FOOT LAY FLAT DISCHARGE HOSE ASSEMBLIES



Supplied with female and male aluminum cam-locks attached with band clamps.

No.	I.D.	Roll
SPP88-200	2"	50'
SPP88-300-50	3"	50'
SPP88-400	4"	50'

HEAVY DUTY PLATED STEEL STRAINER



No.	FPT	Hole Size
SPP5963	1½"	1/4"
SPP5964	2"	3/8"
SPP5965	2½"	3/8"
SPP5966	3"	3/8"
SPP5967	4"	3/8"
SPP5969	6"	1/2"
SPP5970	8"	1"

GENERAL PURPOSE EPDM HOSE



- Agriculture spray hose
- Air & water hose
- Excellent resistance to sunlight, ozone, heat, chemical action and abrasion
- Heater hose
- Temperature -20°F to 200°F

BLACK

No.	I.D.	PSI
SPP74-038	3/8"	200
SPP74-050	1/2"	150
SPP74-058	5/8"	150
SPP74-075	3/4"	150
SPP74-100	1"	150
SPP74-125	1¼"	150

RED

No.	I.D.	PSI
SPP73-038	3/8"	250
SPP73-050	1/2"	250
SPP73-075	3/4"	250
SPP73-100	1"	200
SPP73-125	1¼"	150
SPP73-150	1½"	150
SPP73-200	2"	150

FABRIC REINFORCED EPDM SUCTION HOSE

Incorporates polyester fabric reinforcement for applications requiring a greater working pressure. It is often found in liquid fertilizer solution applications.

- Black EPDM rubber tube
- Black polyethylene helix plus one braid of polyester yarn.
- Corrugated polyethylene helix cover with EPDM rubber between.
- Temperature Range: -35°C (-31°F) to 60°C (140°F).
- 100 ft. Roll



No.	I.D.	Max PSI	Roll
SPP82-200RF	2"	100	100'
SPP82-300RF	3"	85	100'

PVC BRAIDED HOSE

- Manufactured from F.D.A. approved resins.
- Working temperature 25°F to 160°F (Max PSI rated at 70°F).
- Transparent, flexible, light
- Nylon braid for higher pressure
- Use with air, mineral salts, plating solution, water, salt water,
- Hydro-carbons, alcohols, and most chemicals, acids and alkalines.



No.	I.D.	O.D.	PSI	Roll
SPP84-018	1/8"	.325	200	300'
SPP84-316	3/16"	.375	250	300'
SPP84-025	1/4"	.450	250	300'
SPP84-516	5/16"	.525	250	300'
SPP84-038	3/8"	.600	225	300'
SPP84-050	1/2"	.740	200	300'
SPP84-058	5/8"	.875	200	300'
SPP84-075	3/4"	1.025	150	300'
SPP84-100	1"	1.312	125	100'
SPP84-125	1¼"	1.75	100	100'
SPP84-150	1½"	2.00	100	100'
SPP84-200	2"	2.50	75	100'

NYLON TUBING

- Excellent chemical resistance.
- Temperature range -20°F to 230°F (Max PSI rated at 70°F).
- Used for sprayer in cab control line.
- 100 ft. Roll



No.	I.D.	O.D.	Wall	PSI
Type II Flexible				
SPP75-0125	.096	1/8"	.015	200
SPP75-0156	.106	5/32"	.025	250
SPP75-0187	.138	3/16"	.025	200
SPP75-0250	.190	1/4"	.030	200
SPP75-0312	.240	5/16"	.035	250
SPP75-0375	.295	3/8"	.040	250
SPP75-0500	.400	1/2"	.050	200
Type 6 Semi Rigid				
SPP76-0125	.096	1/8"	.015	200
SPP76-0187	.138	3/16"	.020	250
SPP76-0250	.190	1/4"	.030	200
SPP76-0312	.242	5/16"	.035	200
SPP76-0375	.295	3/8"	.040	250
SPP76-0500	.375	1/2"	.062	200



100 ft. Roll

CLEAR VINYL HOSE

- Manufactured from F.D.A. approved resins
- Working temperature 23°F to 158°F (Max PSI rated at 70°F)
- Clear - flexible
- Non-contaminating and excellent range of chemical resistance
- Suitable for air, water, oil, acids, alkalies, and most solvents
- 100 ft. Roll



No.	I.D.	O.D.	PSI	Roll
SPP83-018025	1/8"	1/4"	65	100'
SPP83-316025	3/16"	1/4"	55	100'
SPP83-316516	3/16"	5/16"	55	100'
SPP83-025038	1/4"	3/8"	55	100'
SPP83-025050	1/4"	1/2"	60	100'
SPP83-516716	5/16"	7/16"	50	100'
SPP83-038050	3/8"	1/2"	45	100'
SPP83-038058	3/8"	5/8"	40	100'
SPP83-050058	1/2"	5/8"	30	100'
SPP83-050075	1/2"	3/4"	45	100'
SPP83-058075	5/8"	3/4"	40	100'
SPP83-058078	5/8"	7/8"	40	100'
SPP83-075100	3/4"	1"	35	100'
SPP83-100125	1"	1¼"	25	100'
SPP83-125150	1¼"	1½"	20	100'

LOW DENSITY POLY TUBING

- Manufactured from FDA approved resins
- Temperature -40°F to 160°F (Max PSI rated at 70°F)
- Fungus resistant
- Highly resistant to stress crack
- Good resistance to most chemicals, solvents, acids and alkalies
- Non-corrosive
- Use for air, water

No.	I.D.	O.D.	Wall	PSI
SPP91-170025	.170	1/4"	.040	140
SPP91-316516	3/16"	5/16"	.062	140
SPP91-050038	1/4"	3/8"	.062	125
SPP91-038050	3/8"	1/2"	.062	100
SPP91-050058	1/2"	5/8"	.062	75
SPP91-058075	5/8"	3/4"	.062	60

No.	Color	I.D.	Wall	PSI
1/4" O.D.				
SPP92-025-NAT	Natural	.170	.040	125
SPP92-025-BLK	Black	.170	.040	125
SPP92-025-BLU	Blue	.170	.040	125
5/16" O.D.				
SPP92-516-NAT	Natural	.187	.062	130
SPP92-516-BLK	Black	.187	.062	130
3/8" O.D.				
SPP92-038-NAT	Natural	.250	.062	100
SPP92-038-BLU	Blue	.250	.062	100
SPP92-038-GRN	Green	.250	.062	100
SPP92-038-BLK	Black	.250	.062	100
1/2" O.D.				
SPP92-050-NAT	Natural	.375	.062	90
SPP92-050-BLU	Blue	.375	.062	90
SPP92-050-BLK	Black	.375	.062	90

SCHEDULE 40 PVC PIPE - WHITE



No.	Size	Avg. O.D.	Length	Max PSI	lbs/100ft
SPP77-12	1/2"	0.840	10'	590	16
SPP77-34	3/4"	1.050	10'	480	21
SPP77-100	1"	1.315	10'	450	32
SPP77-114	1 1/4"	1.660	10'	370	42
SPP77-112	1 1/2"	1.900	10'	330	51
SPP77-200	2"	2.375	20'	300	68
SPP77-212	2 1/2"	2.875	20'	280	110
SPP77-300	3"	3.500	20'	260	139
SPP77-400	4"	4.500	20'	220	200
SPP77-600	6"	6.625	20'	180	530
SPP77-800	8"	8.625	20'	160	753

• Max PSI rated at 73°F

SCHEDULE 40 PVC PIPE - CLEAR



No.	Size	Avg. O.D.	Length	Max PSI
SPP78-14C	1/4"	0.5625	10'	590
SPP78-38C	3/8"	0.6875	10'	480
SPP78-12C	1/2"	0.840	10'	450
SPP78-34C	3/4"	1.050	10'	370
SPP78-100C	1"	1.315	10'	330
SPP78-114C	1 1/4"	1.660	10'	300
SPP78-112C	1 1/2"	1.900	10'	280
SPP78-200C	2"	2.375	10'	260
SPP78-212C	2 1/2"	2.875	10'	220
SPP78-300C	3"	3.500	10'	180
SPP78-400C	4"	4.500	10'	160

• Max PSI rated at 73°F

SCHEDULE 80 PVC PIPE - GREY



No.	Size	Avg. O.D.	Length	Max PSI	lbs/100ft
SPP78-12	1/2"	0.840	20'	850	22
SPP78-34	3/4"	1.050	20'	690	29
SPP78-100	1"	1.315	20'	630	42
SPP78-114	1 1/4"	1.660	20'	520	58
SPP78-112	1 1/2"	1.900	20'	470	68
SPP78-200	2"	2.375	20'	420	94
SPP78-300	3"	3.500	20'	370	193
SPP78-400	4"	4.500	20'	320	282
SPP78-600	6"	6.625	20'	280	806
SPP78-800	8"	8.625	20'	250	1196

• Max PSI rated at 73°F

SCHEDULE 80 CPVC PIPE - GREY



No.	Size	Avg. O.D.	Length	Max PSI	lbs/100ft
SPP80C005	1/2"	0.840	20'	850	21
SPP80-34	3/4"	1.050	20'	690	28
SPP80-100	1"	1.315	20'	630	41
SPP80C012	1 1/4"	1.660	20'	520	57
SPP80-112	1 1/2"	1.900	20'	470	67
SPP80-200	2"	2.375	20'	420	95

• Max PSI rated at 73°F

ALUMINUM PIPE - 20 FOOT LENGTHS



3/4" - 1.05" OD x .109" Wall (.824" ID)
Part No. SPPAL-075 - per foot

1" - 1.315" OD x .133" Wall (1.049" ID)
Part No. SPPAL-100 - per foot

DRILL FILL HOSE

- Polyurethane wall
- Wire Helix



No.	I.D.	Roll
SPP90-400	4"	25'
SPP90-600	6"	25'

GRAIN VAC HOSE

- Abrasive resistant rubber wall
- PVC Helix



No.	I.D.	Roll
SPP90-300	3"	100'
SPP89-400	4"	100'
SPP89-500	5"	100'
SPP89-600	6"	100'

KWIK HOSE CUTTERS



No.	Replacement Blades
SPP1519SS	Stainless steel 1"
SPP1520SS	Stainless steel 1 1/2"
SPP1523	Stainless steel 2"
SPP1519	PTFE 1"
SPP1520	PTFE 1 1/2"



No.	Description
SPP1527	Spring action - cuts up to 1"
SPP1528	Spring action - cuts up to 1 1/2"
SPP1529	Spring action - cuts up to 2"
SPP1518	Cuts up to 1"
SPP1517	Cuts up to 1 1/2"
SPP1516	Cuts up to 2"
SPP1515	Leather pouch

FLEXIBLE CONNECTORS

- Allows two dissimilar pipe materials and/or sizes to be connected quickly and easily in sewer, drain, waste and vent piping applications.
- 140°F Max Temp
- 4 PSI Max.



FLEXIBLE COUPLING

No.	Size
SPPFRC56-12	1¼" x 1¼"
SPPFRC56-1512	1½" x 1¼"
SPPFRC56-15	1½" x 1½"
SPPFRC56-2015	2" x 1½"
SPPFRC56-20	2" x 2"
SPPFRC56-3015	3" x 1½"
SPPFRC56-3020	3" x 2"
SPPFRC56-30	3" x 3"
SPPFRC56-4015	4" x 1½"
SPPFRC56-4020	4" x 2"
SPPFRC56-4030	4" x 3"
SPPFRC56-40	4" x 4"
SPPFRC56-5040	5" x 4"
SPPFRC56-50	5" x 5"
SPPFRC56-6040	6" x 4"
SPPFRC56-60	6" x 6"

QUICK DRAIN TRAP

No.	Size
SPPFRQDTC-15	1½" x 1¼"

FLEXIBLE TEE

No.	Size
SPPFRQT-15	1½"
SPPFRQT-20	2"
SPPFRQT-30	3"
SPPFRQT-40	4"

NO-HUB COUPLING

No.	Size
SPPNHC-15	1½"
SPPNHC-20	2"
SPPNHC-30	3"
SPPNHC-40	4"
SPPNHC-50	5"
SPPNHC-60	6"

FLEXIBLE END CAP

No.	Size
SPPFREC-20	2"
SPPFREC-30	3"
SPPFREC-40	4"
SPPFREC-60	6"

FLEXIBLE ELBOW

No.	Size
SPPFRQE-15	1½" x 1½"
SPPFRQE-20	2" x 2"
SPPFRQE-30	3" x 3"
SPPFRQE-40	4" x 4"

PIPE CLAMPS

OATEY PIPE CLAMPS



No.	Size	Bag
Half Clamp		
SPPPEX-JC-10	1/2"	12
SPP33902	1"	12
Full Clamp		
SPP33905	1/2"	12
SPP33907	1"	12

POLY PIPE COLLARS



No.	Size
-	3/4"
-	1"
-	SS Screw

PUNCH CLAMPS



CARBON PUNCH CLAMP

Part No. SPPP-1000



CARBON PUNCH CLAMP - 5/8" WIDTH

No.	Size
SPPPC-6	1½"
SPPPC-8	2"
SPPPC-10	2½"
SPPPC-12	3"
SPPPC-16	4"
SPPPC-20	5"
SPPPC-24	6"



STAINLESS STEEL PUNCH CLAMP

No.	Size
SPPPC-6S	1½"
SPPPC-8S	2"
SPPPC-10S	2½"
SPPPC-12S	3"
SPPPC-16S	4"
SPPPC-20S	5"
SPPPC-24S	6"
SPPPC-28S	7"

CABLE TIES



Nylon White		UV Resistant Black		Qty.	Length	Tensile Strength	Max. Diameter	Approx Width
No.	No.							
SPPCT018-04	SPPCTW018-04	100	4"	18 lbs	5/8"	.10"		
SPPCT030-05.6	SPPCTW030-05.6	100	5½"	40 lbs	1¼"	.13"		
SPPCT040-08.5	SPPCTW040-08.5	100	8½"	40 lbs	2"	.13"		
SPPCT040-11.5	SPPCTW040-11.5	100	11½"	40 lbs	3"	.146"		
SPPCT040-14.5	SPPCTW040-14.5	100	14½"	50 lbs	4"	.146"		
UV Resistant Lashing Tie								
SPPCTW120-14.2		100	14.2"	120 lbs	4"	.30"		
SPPCTW120-24.2		50	24.2"	175 lbs	7"	.30"		
SPPCTW175-36		50	36"	175 lbs	10¾"	.345"		
SPPCTW175-41		50	41"	175 lbs	12"	.345"		



HEAVY DUTY BOLT CLAMPS

- 430 Stainless Steel band with bevelled edge
- Zink Plated Bolt
- No. is size in millimeters

No.	Size
0.708" Band	
SPPC17-19	0.67" - 0.75"
SPPC19-21	0.75" - 0.83"
SPPC21-23	0.83" - 0.91"
SPPC23-25	0.91" - 0.98"
SPPC25-27	0.98" - 1.06"
SPPC27-29	1.06" - 1.14"
0.787" Band	
SPPC29-31	1.14" - 1.22"
SPPC31-34	1.22" - 1.34"
SPPC34-37	1.34" - 1.46"
SPPC37-40	1.46" - 1.57"
SPPC40-43	1.57" - 1.69"
SPPC43-47	1.69" - 1.85"
SPPC47-51	1.85" - 2.01"
SPPC51-55	2.01" - 2.17"
SPPC55-59	2.17" - 2.32"
SPPC59-63	2.32" - 2.48"
0.984" Band	
SPPC63-68	2.48" - 2.68"
SPPC68-73	2.68" - 2.87"
SPPC73-79	2.87" - 3.11"
SPPC79-85	3.11" - 3.35"
SPPC85-91	3.35" - 3.58"
SPPC91-97	3.58" - 3.82"
SPPC97-104	3.82" - 4.09"
SPPC104-112	4.09" - 4.41"
SPPC112-121	4.41" - 4.76"
SPPC121-130	4.76" - 5.12"
1.024" Band	
SPPC131-139	5.16" - 5.47"
SPPC140-148	5.51" - 5.83"
SPPC149-161	5.87" - 6.34"
SPPC162-174	6.38" - 6.85"
SPPC175-187	6.89" - 7.36"
SPPC188-200	7.40" - 7.87"
SPPC201-213	7.91" - 8.39"
SPPC214-226	8.43" - 8.90"
SPPC227-239	8.94" - 9.41"
SPPC240-252	9.45" - 9.92"



316 STAINLESS STEEL PINCH CLAMPS

No.	Size
SPP3628SS	1/8"
-	11/64"
-	3/16"
SPP3633SS	3/8"
SPP3645SS	1 1/8"
SPP3649SS	1 1/2"
SPP3650SS	1 5/8"
SPP3651SS	1 3/4"



T-BOLT HOSE CLAMPS

- All Stainless Steel construction
- Ideal for high torque applications
- 360° sealing surface

No.	Size
SPPG89-022	1.38" - 1.56"
SPPG89-024	1.50" - 1.69"
SPPG89-026	1.62" - 1.81"
SPPG89-028	1.75" - 2.00"
SPPG89-030	1.88" - 2.13"
SPPG89-032	2.00" - 2.25"
SPPG89-034	2.13" - 2.38"
SPPG89-036	2.25" - 2.56"
SPPG89-038	2.38" - 2.69"
SPPG89-040	2.50" - 2.81"
SPPG89-042	2.63" - 2.94"
SPPG89-044	2.75" - 3.06"
SPPG89-046	2.88" - 3.15"
SPPG89-049	3.06" - 3.38"
SPPG89-052	3.25" - 3.56"
SPPG89-054	3.38" - 3.69"
SPPG89-057	3.56" - 3.88"
SPPG89-061	3.81" - 4.13"
SPPG89-065	4.06" - 4.38"
SPPG89-069	4.31" - 4.63"
SPPG89-073	4.56" - 4.88"
SPPG89-077	4.81" - 5.13"
SPPG89-081	5.06" - 5.38"
SPPG89-085	5.31" - 5.63"
SPPG89-089	5.56" - 5.88"
SPPG89-096	6.00" - 6.32"
SPPG89-100	6.25" - 6.56"
SPPG89-104	6.50" - 6.81"
SPPG89-108	6.75" - 7.06"
SPPG89-116	7.25" - 7.56"
SPPG89-124	7.75" - 8.06"
SPPG89-132	8.25" - 8.56"
SPPG89-148	9.25" - 9.56"
SPPG89-164	10.25" - 10.56"



NYLON HOSE CLAMPS

- Corrosion resistant
- Fast installation & removal
- Patented design eliminates leaks

No.	Size
SPP3611	0.24" - 0.26"
SPP3612	0.36" - 0.39"
SPP3614	0.48" - 0.57"
SPP3615	0.54" - 0.61"
SPP3616	0.60" - 0.68"
SPP3618	0.72" - 0.83"
SPP3620	0.89" - 1.03"
SPP3621	1.03" - 1.19"
SPP3622	1.25" - 1.42"
SPP3624	1.59" - 1.81"
SPP3625	1.80" - 2.11"
SPP3626	1.87" - 2.12"
SPP3627	2.12" - 2.40"



GLOBAL "GS" SERIES

- Plated carbon screw
- 301 SS band & housing

No.	Size
Mini Clamp 3/8" Band, 1/4" Screw	
SPPHF-4	1/4" - 5/8"
SPPHF-5	5/16" - 7/8"
Standard 1/2" Band, 5/16" Screw	
SPPHF-6	3/8" - 7/8"
SPPHF-8	7/16" - 1"
SPPHF-10	1/2" - 1 1/16"
SPPHF-12	1/2" - 1 1/4"
SPPHF-16	11/16" - 1 1/2"
SPPHF-20	1" - 1 3/4"
SPPHF-24	1" - 2"
SPPHF-28/30	1 7/16" - 2 3/8"
SPPHF-32	1 1/2" - 2 1/2"
SPPHF-36	1 3/4" - 2 3/4"
SPPHF-40	2" - 3"
SPPHF-44	2 1/4" - 3 1/4"
SPPHF-48	2 1/2" - 3 1/2"
SPPHF-52	2 3/4" - 3 3/4"
SPPHF-56	3" - 4"
SPPHF-60	3 15/16" - 4 1/4"
SPPHF-64	2 1/2" - 4 1/2"
SPPHF-72	3" - 5"
SPPHF-80	3 1/2" - 5 1/2"
SPPHF-84	4 3/8" - 5 11/16"
SPPHF-88	4" - 6"
SPPHF-96	4 1/2" - 6 1/2"
SPPHF-104	5" - 7"
SPPHF-116	5 3/4" - 7 3/4"
SPPHF-124	6 7/8" - 8 1/4"
SPPHF-128	7 5/8" - 8 1/2"
SPPHF-152	8" - 10"
SPPHF-156	8 7/8" - 10 1/4"
SPPHF-188	10 1/2" - 12 1/4"
-	10 7/8" - 12 1/4"
SPPHF-212	12 5/16" - 13 5/8"
SPPHF-224	11 5/8" - 14 1/2"



GLOBAL "GS" 300 SS SERIES

- 304 SS screw
- 301 SS band & housing

No.	Size
Mini Clamp 3/8" Band, 1/4" Screw	
SPPHF-4-SS	1/4" - 5/8"
SPPHF-5-SS	5/16" - 7/8"
Standard 1/2" Band, 5/16" Screw	
SPPHF-6-SS	3/8" - 7/8"
SPPHF-8-SS	7/16" - 1"
SPPHF-10-SS	1/2" - 1 1/16"
SPPHF-12-SS	1/2" - 1 1/4"
SPPHF-16-SS	11/16" - 1 1/2"
SPPHF-20-SS	3/4" - 1 3/4"
SPPHF-24-SS	1" - 2"
SPPHF-28/30-SS	1 7/16" - 2 3/8"
SPPHF-32-SS	1 1/2" - 2 1/2"
SPPHF-36-SS	1 3/4" - 2 3/4"
SPPHF-40-SS	2" - 3"
SPPHF-44-SS	2 1/4" - 3 1/4"
SPPHF-48-SS	2 1/2" - 3 1/2"
SPPHF-52-SS	2 3/4" - 3 3/4"
SPPHF-56-SS	3" - 4"
SPPHF-60-SS	3 15/16" - 4 1/4"
SPPHF-64-SS	2 1/2" - 4 1/2"
SPPHF-72-SS	3" - 5"
SPPHF-80-SS	3 1/2" - 5 1/2"
SPPHF-88-SS	4" - 6"
SPPHF-96-SS	4 1/2" - 6 1/2"
SPPHF-104-SS	5" - 7"
SPPHF-116-SS	5 3/4" - 7 3/4"
SPPHF-128-SS	6 1/2" - 8 1/2"
SPPHF-140-SS	7 1/4" - 9 1/4"
SPPHF-152-SS	8" - 10"
SPPHF-160-SS	9 1/8" - 10 1/4"
SPPHF-180-SS	10 3/4" - 12 1/4"
SPPHF-212-SS	12 5/16" - 13 5/8"



ZINC PLATED STEEL PINCH CLAMPS

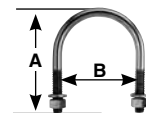
No.	Size
SPP3628	1/8"
-	3/16"
SPP3631	1/4"
SPP3643	1"
-	1 1/16"
SPP3645	1 1/8"
-	1 3/16"
SPP3649	1 1/2"
SPP3650	1 5/8"
SPP3651	1 3/4"

SS T-BOLT SUPER CLAMPS



- 304 Stainless steel bolt with 316 SS nut to prevent seizing
- 360° sealing surface
- Ideal for high torque applications
- 3 spot welds for extra strength

No.	Size
SPPTC150	1.50" - 1.75"
SPPTC218	2.18" - 2.50"
SPPTC231	2.31" - 2.63"
SPPTC250	2.50" - 2.81"
SPPTC287	2.87" - 3.18"
SPPTC331	3.31" - 3.62"
SPPTC343	3.50" - 3.82"
SPPTC438	4.38" - 4.76"



STAINLESS STEEL 3/8" "U" BOLT

No.	Mfg. No.	Size A	Size B
SPPUB100	UB100	3/4"	1 1/16"
SPPUB202	UB202	3/4"	2 1/2"

COX HAND CRANK REEL



- Hand crank reel
- 1/2" Inlet / Outlet
- Holds 450 ft of 3/8", 325 ft of 1/2"
- 3000 PSI

Part No. SPF5274304

COX 12 VOLT ELECTRIC REEL



- 12 Volt electric reel (gear driven)
- 26 Amps
- 1/2" Inlet / Outlet
- Holds 450 ft of 3/8", 325 ft of 1/2"
- 3000 PSI

Part No. SPF5274305

* Roller hose guide not available

COX LOW PRESSURE REEL



- Heavy duty 1/4" plate steel support post and mounting plate
- 1" Oil-lite self lubricating bearing
- Solid 1" steel center support shaft
- Full flow swivel joint
- Adjustable arm guide
- 4 roller non-snag hose guide
- 8 position locking ratchet
- 300 PSI

50 ft 3/8" I.D. Hose

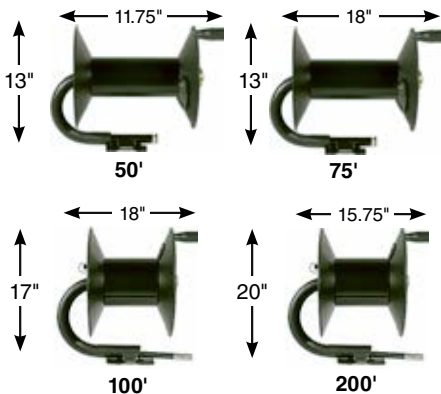
Part No. -

15ft 1/2" I.D. Hose

Part No. -

HEAVY DUTY PRESSURE WASHER HOSE REELS

- Max. 3000 PSI
- Max. 160°F
- Hose size 3/8"



No.	Max Hose	Max Height	Max Width
SPP85.402.050	50'	13"	11.75"
SPP85.402.000	75'	13"	18"
SPP85.402.001	100'	17"	18"
SPP85.402.002	200'	20"	15.75"

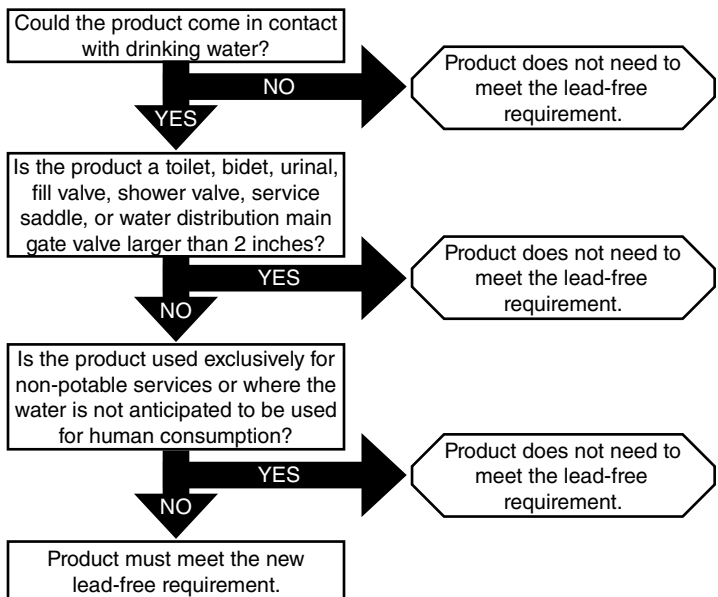
LOW LEAD REQUIREMENTS FOR POTABLE PLUMBING PRODUCTS IN CANADA

Canada is moving forward with new standards for the level of lead allowed in plumbing products that are used in potable water applications. The new regulation significantly reduces the current allowable level of lead content from that content which complies with the industry standard (NSF 61) or 8% dependent on product, down to no more than a weighted average lead content of 0.25% on wetted surfaces when evaluated for pipes, valves, pipe fittings, and plumbing fittings, anticipated to convey or dispense water for human consumption through drinking or cooking.

Regulators, legislators and Health Canada plan to approach the issue through the national system of plumbing codes that can be adopted and enforced provincially/territorially through the recognized network of plumbing and health inspections. Health Canada has been an active participant on the development of the Standards and the integration of these standards into the Canadian model National Plumbing Code. The Canada Consumer Products Safety Act (CCPSA) which came into force July 2010 may allow Health Canada to pull non-conforming product from the market.

These changes are effective January 4, 2014

By using the flowchart below as a guide, you can determine if a product must meet the new lead-free requirement:



At the time of publication of this catalogue there are still unanswered questions as to adoption and enforcement of this new regulation amongst plumbing and health inspectors. We have done our best in this catalogue to identify those products that meet the new "lead-free" definition, though our manufacturers are still in the process of making compliant, lead-free products available to us.

Because we traditionally service the agricultural market we will continue to carry product lines not classed as lead-free as they are used in applications not relating to potable water.

We ask that when placing orders, please state the end use of the product and if it is required to be lead-free. Our team will advise you if the product is compliant with new regulations.

As mentioned, much is still unresolved. We will do our best to keep our customers informed on this issue. Current information is available through the CIPH website.

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPF5300260	SPFBK-6	SPP70045	SPP1700N	SPP70202	SPPFMC-HYD-310	SPP70305	SPP8020-503-250
SPF5300393	SPFLG-13-P	SPP70046	SPP1502C	SPP70203	SPPFMC-200-HYD-210	SPP70310	SPP2088-394-144
SPF5300428	SPFT-65	SPP70047	SPP1502N	SPP70204	SPPFMC-200-HYD-310	SPP70311	SPP3000-050
SPF5300431	SPF9-150	SPP70048	SPP6500C	SPP70205	SPPFMC	SPP70312	SPP3000-350
SPF5300438	SPF110-3PT-1PC	SPP70049	SPP6500N	SPP70206	SPPFMC-200	SPP70314	SPP8050-305-426
SPF5300467	SPFLSS-280	SPP70050	SPP6500C-R	SPP70207	SPPFMC-150-HYD-206	SPP70315	SPP4111-035
SPF5300576	SPFLG-55-3PT	SPP70051	SPP7700C	SPP70208	SPPFMC-150	SPP70316	SPP4211-035
SPF5300632	SPFLG-29-P	SPP70052	SPP7700N	SPP70209	SPPFMC-CW-150	SPP70317	SPP2088-474-144
SPF5300655	SPF9-200	SPP70053	SPP7560C	SPP70212	SPPFMC-200-HYD-304	SPP70322	SPP9403C-1000
SPF5300656	SPF9-300	SPP70054	SPP7560N	SPP70214	SPPFMC-CW-200	SPP70329	SPP9305C-HM3C
SPF5300675	SPFBB-303	SPP70055	SPP7560C-R	SPP70216	SPPFMC-HYD-LM	SPP70330	SPP9306C-HM1C
SPF5301070	SPFLSS-235	SPP70056	SPP5320C-RX	SPP70219	SPPFMC-200-HYD-300-LM	SPP70332	SPP9306C-HM5C
SPF5301230	SPFATVBK-200	SPP70057	SPP5330C-RX	SPP70220	SPP9303C-HM1C	SPP70334	SPP9403C-1000S
SPF5301231	SPFATVBK-500	SPP70058	SPP5320C-HRX	SPP70221	SPP9303C-HM2C	SPP70338	SPP9302C-HM2C
SPF5301232	SPFATVBK-700	SPP70059	SPP5330C-HRX	SPP70222	SPP9303C-HM3C	SPP70339	SPP9302C-HM4C
SPF5301234	SPFT-61	SPP70060	SPP5321C	SPP70223	SPP9303C-HM4C	SPP70340	SPP9263C-CR
SPF5301253	SPFBB-309	SPP70062	SPP5210C-H	SPP70224	SPP9304C-HM5C	SPP70341	SPPFMC-200-HYD-307
SPF5301259	SPFLSS-240	SPP70063	SPP5206C-H	SPP70226	SPP9303S-HM4C	SPP70345	SPP9263S-C
SPF5301271	SPFATVBK-710	SPP70064	SPP5210C	SPP70227	SPP9306S-HM1C	SPP70345	SPP90200
SPF5301304	SPFSK-61-12V	SPP70065	SPP5206C	SPP70228	SPP9306S-HM5C	SPP70402	SPP90300
SPF5301336	SPFSK-61-4R	SPP70066	SPP9202C	SPP70229	SPP9263C-C	SPP70405	SPP90700
SPF5301337	SPFTSSK-300	SPP70067	SPP9203C	SPP70231	SPPFMC-150-HYD-LM	SPP70406	SPP90500
SPF5301340	SPFLG-60-3PT-BL	SPP70068	SPP9910-D30	SPP70232	SPPFMC-MAG-D	SPP70415	SPP1320-0076
SPF5301343	SPFUTL-40-12V	SPP70069	SPP9910-D70	SPP70233	SPPFMC-150-MAG-D	SPP70417	SPP1320-0078
SPF5301347	SPFUTL-60-12V	SPP70070	SPP9910-D115	SPP70234	SPPFMC-200-MAG-D	SPP70420	SPP1321-0006
SPF5301394	SPFT-62	SPP70071	SPP9910-GS40GI	SPP70235	SPPFMC-CW-150-MAG-D	SPP70421	SPP1321-0007
SPF5301461	SPFTC-10-P	SPP70072	SPP1700C-R	SPP70236	SPPFMC-CW-200-MAG-D	SPP70422	SPP1321-0008
SPF5301468	SPFBK-2-61	SPP70073	SPP4001XL	SPP70237	SPPFMC-CW-800-MAG-D	SPP70423	SPP1321-0009
SPF5301469	SPFBK-4-61	SPP70074	SPP4101XL	SPP70239	SPPFMCSC-200-HYD304-12SAE	SPP70424	SPP1320-0022
SPF5301470	SPFBK-7-61	SPP70075	SPP1700XL	SPP70240	SPPD213215011A	SPP70435	SPP812-21SP-1516
SPF5301471	SPFT-62-HD	SPP70076	SPP1502XL	SPP70240	SPPD213215011A	SPP70446	SPP1320-0080
SPF5301518	SPFSK-61-6R-HON	SPP70077	SPP6500XL	SPP70241	SPP02100894A	SPP70448	SPP1321-0012
SPF5301845	SPFATV-DMS-12V	SPP70078	SPP7700XL	SPP70242	SPP02100734A	SPP70449	SPP1321-0013
SPF5301865	SPFLSS-280-H	SPP70079	SPP7560XL	SPP70243	SPP04300142A	SPP70458	SPP1323-0072
SPF5301866	SPFLSS-280-E	SPP70080	SPP9303P-HM1C	SPP70244	SPPD21X003A	SPP70459	SPP1323-0073
SPF5301867	SPFLSS-280-EH	SPP70081	SPP9303P-HM3C	SPP70246	SPPD3225H1411A	SPP70462	SPP1323-0074
SPF5301868	SPFLSS-240-H	SPP70082	SPP9303P-HM4C	SPP70247	SPP02100573A	SPP70463	SPP1323-0075
SPF5301869	SPFLSS-235-H	SPP70083	SPP9203C-R	SPP70248	SPP04100505A	SPP70464	SPP1323-0076
SPF5302032	SPFLG-40-3PT-12V	SPP70084	SPP9203P-S	SPP70250	SPP4300500A	SPP70465	SPP1323-0077
SPF5302165	SPFLG-5-P	SPP70086	SPP9910-D135	SPP70251	SPP4300-143A	SPP70467	SPPULD120-025
SPF5302314	SPFLG-4-3-1	SPP70087	SPP3300-0087	SPP70255	SPP02100840A	SPP70481	SPP20730000A
SPF5302315	SPFLG-10-EC-LI	SPP70088	SPP4001C-R	SPP70257	SPPD3134H1311A	SPP70600	SPP44-4000RK
SPF5302316	SPFLG-20-TRL	SPP70089	SPP4101N-H	SPP70260	SPP4401C-M12	SPP70602	SPP66-6500RK
SPF5302317	SPFLG-30-TRL	SPP70090	SPP9910-D1064	SPP70261	SPPG575205A	SPP70603	SPP70-7700RK
SPF5302318	SPFATV-15-2	SPP70091	SPP9910-D70GR	SPP70262	SPP02100979A	SPP70606	SPP28455-2
SPF5302319	SPFATV-20-2	SPP70092	SPP9910-D160	SPP70264	SPP8000-542-296	SPP70607	SPP28455-1
SPF5302320	SPFATV-25-700	SPP70093	SPP9910-D250	SPP70265	SPP8000-543-136	SPP70608	SPP35745
SPF5302321	SPFATV-25-71	SPP70095	SPP9910-D252	SPP70267	SPP8000-643-236	SPP70612	SPP38109-4
SPF5302322	SPFLG-3025	SPP70096	SPP9910-D252GRGI	SPP70271	SPPSLV10-AA48	SPP70613	SPP18756
SPF5302334	SPFATVBK-3025	SPP70097	SPP9910-D252GRGI58	SPP70274	SPP9402C-540Q	SPP70615	SPP25227
SPF5302830	SPFUTV-65-7	SPP70099	SPP9910-D30GRGI	SPP70275	SPP9304C-HM1C	SPP70620	SPP3430-0390
SPF5302843	SPFUTV-65-BL	SPP70100	SPPPTOC-600-GSP	SPP70278	SPP9402C-1000	SPP70621	SPP3430-0158
SPF5302886	SPFUTV-HR-50	SPP70105	SPPPTOC-150-1000-21SP	SPP70279	SPP8005-733-155	SPP70623	SPP3430-0160
SPP10536	SPP10536	SPP70106	SPPPTOC-150-600-B	SPP70281	SPP8000-543-250	SPP70624	SPP3430-0163
SPP40153	SPPY8139005	SPP70107	SPPPTOC-150-1000-B	SPP70282	SPP2088-343-135	SPP70625	SPP3430-0383
SPP40259	SPP40259-00	SPP70113	SPP9910-D403GRGI	SPP70283	SPP181-201	SPP70626	SPP3430-0386
SPP45281	SPP0ASIS-RES	SPP70114	SPP9910-D50	SPP70284	SPP8007-543-850	SPP70628	SPP3430-0380
SPP70004	SPP6901C	SPP70115	SPP9910-D50AP-A	SPP70286	SPP8000-033-236	SPP70629	SPP3430-0384
SPP70006	SPP7900C	SPP70117	SPP9910-D503GRGI	SPP70288	SPP8007-543-836	SPP70630	SPP3430-0381
SPP70007	SPP7000C-R	SPP70119	SPP9910-D813GRGI	SPP70289	SPP8000-543-238	SPP70631	SPP3430-0007
SPP70009	SPP5500D	SPP70120	SPP9910-D1064GRGI	SPP70290	SPP8000-343-236	SPP70632	SPP3430-0009
SPP70013	SPP8900C	SPP70126	SPP9016C-O	SPP70291	SPP8030-813-239	SPP70633	SPP3430-0030
SPP70020	SPP6900C	SPP70128	SPP9205C	SPP70292	SPP2088-313-145	SPP70634	SPP3430-0008
SPP70035	SPP6500N-R	SPP70130	SPPFMC-MIA	SPP70293	SPP8020-833-238	SPP70635	SPP3430-0010
SPP70036	SPP1700XL-R	SPP70131	SPPFMC-150-MIA	SPP70294	SPP8000-533-236	SPP70636	SPP3430-0046
SPP70037	SPP5321C-H	SPP70174	SPPFMC-200F-HYD-304	SPP70295	SPP2088-394-154	SPP70637	SPP3430-0037
SPP70038	SPP5322C-H	SPP70178	SPPFMC-CW-150-MAG-DX3	SPP70296	SPP8030-863-239	SPP70638	SPP3430-0039
SPP70039	SPP4101N-EH	SPP70179	SPPD3835V5011A	SPP70297	SPP166-200-36	SPP70639	SPP2104-004
SPP70040	SPP4001C	SPP70189	SPP85.149.081B	SPP70298	SPP166-200-46	SPP70640	SPP3430-0187
SPP70041	SPP4001N	SPP70197	SPP04100502A	SPP70299	SPP166-200-56	SPP70641	SPP3430-0332
SPP70042	SPP4101C	SPP70198	SPP04300504A	SPP70301	SPP9325-043-101	SPP70643	SPP9910-KIT1916
SPP70043	SPP4101N	SPP70200	SPPFMC-HYD-204	SPP70302	SPP94-260-21	SPP70644	SPP9910-KIT1724
SPP70044	SPP1700C	SPP70201	SPPFMC-HYD-210	SPP70304	SPP8020-513-236	SPP70645	SPP9910-KIT1720

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP70647	SPP9910-KIT1721	SPP71014	SPP1002-0002	SPP71172	SPP1440-0005	SPP71263	SPP9910-160230
SPP70652	SPP9910-KIT1725	SPP71015	SPP1005-0002	SPP71173	SPP1410-0018	SPP71264	SPP9910-580360
SPP70653	SPP9910-KIT1919	SPP71017	SPP1055-0002	SPP71174	SPP1410-0020	SPP71267	SPP9910-180150
SPP70654	SPP3430-0144	SPP71018	SPP1720-0104	SPP71175	SPP0503-5200	SPP71272	SPP9910-620291
SPP70656	SPP2120-0010	SPP71020	SPP2107-0002	SPP71176	SPP2406-0007	SPP71273	SPP9910-620190
SPP70658	SPP3430-0242	SPP71021	SPP2102-0001	SPP71178	SPP0150-9000C	SPP71276	SPP9910-550330
SPP70661	SPP12999	SPP71025	SPP3420-0024	SPP71179	SPP2253-0002	SPP71277	SPP9910-550030
SPP70663	SPP12000A	SPP71026	SPP3420-0025	SPP71180	SPP2253-0006	SPP71278	SPP9910-550056
SPP70664	SPP13000	SPP71028	SPP1320-0016	SPP71181	SPP0402-9100P	SPP71279	SPP9910-620160
SPP70665	SPP3430-0333	SPP71033	SPP2112-0003	SPP71182	SPP2120-0009	SPP71280	SPP9910-550060
SPP70667	SPP9910-KIT1708	SPP71034	SPP2112-0001	SPP71183	SPP1720-0003	SPP71281	SPP9910-620130
SPP70668	SPP9910-KIT1757	SPP71036	SPP2210-0005	SPP71184	SPP2210-0020	SPP71283	SPP9910-620170
SPP70669	SPP9910-KIT1711	SPP71037	SPP0200-1700C	SPP71185	SPP0750-9300C	SPP71284	SPP9910-620150
SPP70671	SPPRK-GE-100-A	SPP71039	SPP1720-0099	SPP71186	SPP1410-0056	SPP71285	SPP9910-550340
SPP70672	SPPRK-PTOC-600	SPP71040	SPP0300-1700C	SPP71187	SPP1820-0013	SPP71287	SPP9910-550370
SPP70674	SPPRK-FMC	SPP71042	SPP0301-1700C	SPP71188	SPP1810-0014	SPP71288	SPP9910-390080
SPP70675	SPPRK-BAC-75-HYD	SPP71044	SPP0500-1502	SPP71190	SPP1410-0073	SPP71289	SPP9910-390270
SPP70676	SPPRK-BAC-75-HYD-310	SPP71045	SPP1610-0005	SPP71192	SPP1410-0074	SPP71290	SPP9910-380250
SPP70679	SPPRK-FMC-150	SPP71047	SPP1002-0005	SPP71193	SPP2029-0014	SPP71291	SPP9910-629211
SPP70681	SPP3430-0145	SPP71048	SPP1005-0005	SPP71194	SPP1810-0026	SPP71292	SPP9910-622070
SPP70683	SPPRK-FMCL	SPP71049	SPP1055-0005	SPP71195	SPP0531-2500	SPP71294	SPP9910-180020
SPP70684	SPP12999A	SPP71053	SPP2210-0026	SPP71196	SPP3430-0852	SPP71301	SPP9910-620240
SPP70685	SPP13999	SPP71056	SPP0300-1502C	SPP71198	SPP1610-0012	SPP71305	SPP9910-500160
SPP70687	SPP12000AV	SPP71058	SPP0301-1502C	SPP71199	SPP1610-0032	SPP71308	SPP9910-500171
SPP70694	SPP20403040	SPP71060	SPP0100-1500C	SPP71201	SPP1720-0110	SPP71322	SPP9910-450145
SPP70695	SPP20407030	SPP71062	SPP3420-0004	SPP71204	SPP0703-2500C1	SPP71323	SPP9910-110130
SPP70696	SPP20404001	SPP71068	SPP1005-0004	SPP71206	SPP1600-0045	SPP71324	SPP9910-650660
SPP70697	SPP9910-KIT1704	SPP71070	SPP0300-6600C	SPP71207	SPP1600-0044	SPP71325	SPP9910-650670
SPP70698	SPP9910-KIT1640	SPP71079	SPP1720-0014	SPP71208	SPP1600-0052	SPP71326	SPP9910-650690
SPP70701	SPP9910-KIT1703	SPP71080	SPP0300-7700C	SPP71209	SPP1600-0042	SPP71328	SPP9910-550101
SPP70703	SPP9910-KIT1990	SPP71081	SPP0300-7700N	SPP71210	SPP1600-0037	SPP71329	SPP9910-550102
SPP70704	SPP9910-KIT1741	SPP71082	SPP0301-7700C	SPP71211	SPP1600-0051	SPP71330	SPP9910-550150
SPP70705	SPP9910-GR40	SPP71083	SPP0301-7700N	SPP71212	SPP3900-0023	SPP71331	SPP9910-559200
SPP70706	SPP9910-RM40	SPP71087	SPP3420-0010	SPP71213	SPP3900-0022	SPP71332	SPP9910-550080
SPP70708	SPP9910-GS50GI	SPP71092	SPP0308-7560C	SPP71214	SPP3900-0025	SPP71336	SPP9910-320030
SPP70710	SPP9910-VDR50	SPP71094	SPP0500-7400	SPP71215	SPP3900-0024	SPP71339	SPP9910-550380
SPP70717	SPP9910KIT1710	SPP71100	SPP5501-5315	SPP71217	SPP3220-0029	SPP71340	SPP9910-550310
SPP70723	SPP9910-KIT2203	SPP71101	SPP5501-5320	SPP71218	SPP1700-0047	SPP71344	SPP9910-550290
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SPP70728	SPPRK-BAC-75-HYD-300	SPP71109	SPP5500-5320	SPP71220	SPP2250-0038	SPP71347	SPP9910-550470
SPP70731	SPP9910-KIT1908	SPP71116	SPP1440-0004	SPP71221	SPP2270-0039	SPP71349	SPP9910-550170
SPP70800	SPP48234	SPP71117	SPP0502-5300	SPP71222	SPP2220-0045	SPP71355	SPP9910-580080
SPP70801	SPP20468	SPP71118	SPP0608-5300	SPP71223	SPP2220-0021	SPP71359	SPP9910-550491
SPP70841	SPP39923	SPP71121	SPP2405-0006A	SPP71224	SPP2220-0044	SPP71368	SPP9910-580120
SPP70861	SPP47927	SPP71126	SPP1720-0038	SPP71225	SPP1720-0108	SPP71370	SPP9910-580060
SPP70870	SPP34943	SPP71127	SPP1720-0079	SPP71227	SPP3260-0039	SPP71372	SPP9910-580050
SPP70929	SPP2500-0085C	SPP71129	SPP3400-0073	SPP71228	SPP1820-0023	SPP71374	SPP9910-580180
SPP70960	SPP5019007700	SPP71131	SPP2130-0007	SPP71230	SPP3360-0021	SPP71375	SPP9910-580040
SPP70962	SPP5019003500	SPP71133	SPP1810-0013	SPP71231	SPP1720-0105	SPP71376	SPP9910-250310
SPP70964	SPP5019006400	SPP71134	SPP1820-0025	SPP71232	SPP3373-0020	SPP71380	SPP0401-9100P
SPP70965	SPPKIT001	SPP71142	SPP5503-5206	SPP71233	SPP2406-0009	SPP71381	SPP0500-8600A
SPP70967	SPP85.300.058	SPP71143	SPP5503-5210	SPP71234	SPP0150-9200C	SPP71388	SPP9910-550450
SPP70968	SPP85.400.005	SPP71144	SPP5003-5206	SPP71235	SPP2120-0008	SPP71389	SPP9910-550460
SPP70969	SPP70969	SPP71145	SPP5003-5210	SPP71236	SPP1720-0083	SPP71392	SPP9910-600180
SPP70975	SPP70975	SPP71147	SPP5501-5210	SPP71237	SPP1830-0040	SPP71395	SPP9910-759051
SPP70976	SPP70976	SPP71148	SPP5001-5206	SPP71239	SPP0151-9200C	SPP71397	SPP9910-620561
SPP70977	SPP70977	SPP71149	SPP5001-5210	SPP71240	SPP1610-0015	SPP71398	SPP9910-540530
SPP70978	SPP70978	SPP71150	SPP0100-5200C	SPP71241	SPP0505-9200	SPP71399	SPP9910-650030
SPP70979	SPP70979	SPP71151	SPP0203-5200CB	SPP71242	SPP1610-0004	SPP71400	SPP9910-650490
SPP70980	SPP70980	SPP71152	SPP1510-0024	SPP71243	SPP9910-620080	SPP71401	SPP9910-650520
SPP70981	SPP70981	SPP71153	SPP1720-0028	SPP71244	SPP9910-550190	SPP71408	SPP9910-650542
SPP70983	SPP70983	SPP71154	SPP2210-0062	SPP71245	SPP9910-620030	SPP71410	SPP2102-0018
SPP70984	SPPS200	SPP71155	SPP1720-0019	SPP71246	SPP9910-620210	SPP71411	SPP2102-0014
SPP70985	SPP1215040300	SPP71156	SPP3550-0007	SPP71247	SPP9910-180101	SPP71412	SPP2150-0027
SPP70986	SPP2102-0025	SPP71157	SPP3400-0038	SPP71248	SPP9910-550040	SPP71418	SPP0602-5200
SPP70987	SPP1720-0139	SPP71164	SPP1410-0006	SPP71249	SPP9910-550350	SPP71419	SPP1320-0081
SPP70988	SPPBAC-26-200-P	SPP71165	SPP1810-0001	SPP71252	SPP9910-390290	SPP71422	SPP1830-0056
SPP70989	SPP43291	SPP71166	SPP2007-0032	SPP71254	SPP9910-620101	SPP71424	SPP1440-0037
SPP70990	SPP0401-9200C	SPP71167	SPP1600-0013	SPP71255	SPP9910-620102	SPP71425	SPP1720-0064
SPP70991	SPP70991	SPP71168	SPP2220-0013	SPP71256	SPP9910-320130	SPP71426	SPP1440-0010
SPP71008	SPP0300-4001C	SPP71169	SPP2270-0012	SPP71257	SPP9910-620120	SPP71427	SPP1830-0053
SPP71010	SPP0300-4101C	SPP71170	SPP1830-0039	SPP71258	SPP9910-620140	SPP71432	SPP3430-0197
SPP71013	SPP2230-0002	SPP71171	SPP1410-0054	SPP71262	SPP9910-380080	SPP71433	SPP0108-5300C

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP71439	SPP2500-0081C	SPP71546	SPP12765A	SPP71740	SPP20500507	SPP71878	SPP234-3946
SPP71440	SPP2500-0082C	SPP71547	SPP12774VA	SPP71741	SPP20381002	SPP71879	SPP234-3936
SPP71441	SPP2500-0083C	SPP71548	SPP12775A	SPP71742	SPP20408000	SPP71882	SPP94-380-05
SPP71442	SPP2500-0084C	SPP71549	SPP13702	SPP71744	SPP20381026	SPP71883	SPP94-374-10
SPP71444	SPP2500-0184C	SPP71551	SPP12712A	SPP71746	SPP20400002	SPP71885	SPP94-395-05
SPP71445	SPP1410-0082	SPP71552	SPP13712	SPP71747	SPP21010002	SPP71886	SPP94-375-06
SPP71446	SPP1721-0083	SPP71553	SPP13777	SPP71749	SPP21010004	SPP71888	SPP94-375-18
SPP71448	SPP2250-0051	SPP71555	SPP13778	SPP71750	SPP20028008	SPP71893	SPP94-380-28
SPP71449	SPP2250-0052	SPP71557	SPP12706	SPP71756	SPP9910-KIT2364	SPP71894	SPP94-375-15
SPP71450	SPP0700-9000P	SPP71572	SPPBAC-53	SPP71757	SPP9910-KIT2365	SPP71895	SPP94-379-01
SPP71451	SPP2210-0088	SPP71574	SPPGE-54	SPP71758	SPP10-517-00	SPP71896	SPP94-390-15
SPP71452	SPP2210-0087	SPP71580	SPPBAC-12	SPP71760	SPP94-375-05	SPP71897	SPP94-395-16
SPP71456	SPP1610-0030	SPP71582	SPPBAC-26-CI	SPP71761	SPP94-379-00	SPP71901	SPP94-230-55
SPP71457	SPP1610-0031	SPP71583	SPPBAC-26-VALOX	SPP71762	SPP94-390-05	SPP71902	SPP11-185-06
SPP71458	SPP2270-0041	SPP71584	SPPBAC-7B	SPP71763	SPP94-391-09	SPP71906	SPP41751
SPP71459	SPP0750-9300P	SPP71585	SPPBAC-7V	SPP71764	SPP94-395-06	SPP71907	SPP41764
SPP71460	SPP0750-9006C	SPP71586	SPPBAC-4	SPP71765	SPP94-385-03	SPP71909	SPP41921
SPP71461	SPP2260-0002	SPP71589	SPPBAC-54	SPP71767	SPP94-380-02	SPP71912	SPP41755
SPP71463	SPP2210-0016	SPP71591	SPPBAC-33	SPP71768	SPP94-382-09	SPP71913	SPP41766
SPP71464	SPP2250-0008	SPP71593	SPPBAC-32	SPP71769	SPP94-236-15	SPP71916	SPPBAC-26-150-P
SPP71465	SPP1510-0063	SPP71595	SPPBAC-13	SPP71770	SPP94-231-30	SPP71917	SPP40273-01
SPP71466	SPP2270-0057	SPP71596	SPPBAC-36	SPP71771	SPP94-230-36	SPP71918	SPPBAC-23-A
SPP71467	SPP1700-0097	SPP71597	SPPBAC-28-10	SPP71772	SPP94-231-05	SPP71919	SPPBAC-26-200-CI
SPP71468	SPP1700-0100	SPP71598	SPPBAC-28-10-M	SPP71773	SPP94-237-05	SPP71920	SPPBAC-4A
SPP71469	SPP0403-9100P	SPP71599	SPPBAC-29-10-1.5	SPP71774	SPP94-232-05	SPP71921	SPPBAC-7SC
SPP71470	SPP0152-9000C	SPP71603	SPPBAC-57	SPP71775	SPP94-238-03	SPP71922	SPPBAC-25
SPP71471	SPP0702-9200C	SPP71604	SPPBAC-55	SPP71776	SPP94-385-04	SPP71923	SPPBAC-6-HYD-200-SS
SPP71472	SPP2120-0011	SPP71610	SPPBAC-10-S	SPP71777	SPP94-391-07	SPP71924	SPPBAC-75-HYD-304
SPP71473	SPP0701-9500P	SPP71613	SPPBAC-51	SPP71779	SPP94-374-05	SPP71930	SPPTCP11016
SPP71474	SPP0403-9000P	SPP71614	SPPBAC-34	SPP71780	SPPBAC-26-CW-150-P	SPP71940	SPPTDCFFP11004
SPP71475	SPP0402-9000P	SPP71615	SPPBAC-31-1	SPP71781	SPPBAC-26-CW-150-CI	SPP71946	SPPTDXLV01
SPP71476	SPP0750-9000P	SPP71617	SPPBAC-35	SPP71782	SPPBAC-26-CW-200-CI	SPP71947	SPPTDXLV015
SPP71478	SPP0507-9200	SPP71620	SPPBAC-49	SPP71784	SPP41476	SPP71948	SPPTDXLV02
SPP71479	SPP1410-0083	SPP71621	SPPBAC-46	SPP71791	SPP41810	SPP71950	SPPTDXLV03
SPP71480	SPP1700-0101	SPP71622	SPP40160	SPP71792	SPP41830	SPP71951	SPPTDXLV04
SPP71481	SPP0700-9500P	SPP71625	SPPBAC-32-S	SPP71793	SPP41840	SPP71958	SPPGTS50
SPP71483	SPP2404-0164	SPP71627	SPPBAC-6-HYD-SS	SPP71794	SPP41890	SPP71960	SPPTDXL11001
SPP71486	SPP2130-0018	SPP71628	SPPBAC-14-HYD	SPP71801	SPP42010	SPP71961	SPPTDXL110015
SPP71487	SPP1700-0098	SPP71629	SPPBAC-14-HYD-300	SPP71802	SPP41961	SPP71962	SPPTDXL11002
SPP71493	SPP9910-800085	SPP71630	SPPBAC-23-A-SS	SPP71803	SPP41850	SPP71964	SPPTDXL11003
SPP71496	SPP9910-760020	SPP71631	SPPBAC-24-HYD-SS	SPP71804	SPP41860	SPP71966	SPPTDXL11005
SPP71497	SPP9910-760040	SPP71632	SPPBACH-25	SPP71805	SPP41870	SPP71967	SPPTDXL11006
SPP71499	SPP9910-750030	SPP71633	SPPBAC-26-HYD-VALOX	SPP71806	SPP41880	SPP71968	SPPTDXL11008
SPP71501	SPPV07019	SPP71634	SPPBAC-26-HYD-CI	SPP71808	SPPLS-206	SPP71972	SPPTCP11003
SPP71502	SPPV07018	SPP71641	SPPBAC-75-HYD-204	SPP71809	SPP41980	SPP71973	SPPTCP11004
SPP71504	SPP12713	SPP71642	SPPBAC-75-HYD-210	SPP71810	SPP42041	SPP71974	SPPTCP11005
SPP71505	SPP12717	SPP71644	SPPBAC-76-HYD	SPP71811	SPP42043	SPP71976	SPPG125
SPP71507	SPP12754	SPP71650	SPP42030	SPP71812	SPP42044	SPP71977	SPPTCP11006
SPP71508	SPP12719A	SPP71651	SPP42040	SPP71817	SPP41731	SPP71978	SPPTCP11008
SPP71510	SPP12765	SPP71652	SPPBAC-4-150	SPP71818	SPP41740	SPP71979	SPPTCP11010
SPP71511	SPP12774V	SPP71653	SPPBAC-6-150/200-SS	SPP71819	SPP41750	SPP71980	SPPTCP11012
SPP71514	SPP12725	SPP71654	SPPBAC-10-6SP	SPP71820	SPP9910-KIT2408	SPP71983	SPP3430-0592
SPP71515	SPP12705	SPP71657	SPPBAC-12-150	SPP71821	SPP9910-KIT2409	SPP71999	SPP90.900.006
SPP71516	SPP12711A	SPP71658	SPPBAC-26-150-CI	SPP71825	SPP41820	SPP72001	SPP13CA0029
SPP71518	SPP12720	SPP71659	SPPBAC-28-10-150	SPP71826	SPP41920	SPP72009	SPP15M-1539
SPP71519	SPP12777	SPP71672	SPPBAC-28-10M-150	SPP71827	SPP41941	SPP72011	SPP14-Q1819
SPP71520	SPP12722	SPP71673	SPPBAC-29-10-1.35	SPP71838	SPP9910-KIT2114	SPP72019	SPP15AQ2702
SPP71521	SPP12723	SPP71675	SPPBAC-26-HYD-200-CI	SPP71844	SPP9910-KIT1723	SPP72020	SPP15AQ2703
SPP71524	SPP12900	SPP71678	SPPBAC-14-150-HYD	SPP71847	SPP9910-KIT2110	SPP72022	SPP15AQ2705
SPP71525	SPP12901	SPP71681	SPP41372	SPP71848	SPP9910-KIT1917	SPP72025	SPP450Q2640
SPP71526	SPP12902A	SPP71683	SPPBAC-14-150-MIA	SPP71851	SPP9910-KIT1886	SPP72026	SPP450Q2626
SPP71527	SPP12702A	SPP71687	SPPBAC-6-CW-SS	SPP71852	SPP9910-KIT1963	SPP72029	SPP450Q2628
SPP71530	SPP12719AV	SPP71689	SPPACAL-14	SPP71853	SPP9910-KIT2376	SPP72030	SPP450Q2629
SPP71531	SPP12717V	SPP71715	SPP41780	SPP71855	SPP9910-KIT2378	SPP72031	SPP450Q2635
SPP71532	SPP12754V	SPP71716	SPP41790	SPP71863	SPLS-204	SPP72032	SPP450Q2622
SPP71535	SPP12705V	SPP71717	SPP41950	SPP71864	SPLS-210	SPP72033	SPP450Q2623
SPP71537	SPP12710V	SPP71718	SPP41761	SPP71866	SPP255-223	SPP72034	SPP450Q2636
SPP71538	SPP12882A	SPP71719	SPP41770	SPP71869	SPP234-2916	SPP72035	SPP450Q2624
SPP71539	SPP12772	SPP71723	SPP20132000	SPP71871	SPP234-2936	SPP72036	SPP450Q2625
SPP71540	SPP9910-750040	SPP71725	SPP21022012A	SPP71872	SPP8-156-01	SPP72037	SPP450Q2621
SPP71542	SPP12703A	SPP71727	SPP20028086	SPP71873	SPP234-2926	SPP72038	SPP450Q2630
SPP71543	SPP12715A	SPP71728	SPP20028087	SPP71875	SPP234-3926	SPP72041	SPP15BL1545
SPP71544	SPP12771A	SPP71732	SPP2095100	SPP71877	SPP234-3916	SPP72043	SPP15MH1545

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP72044	SPP85.401.100	SPP72149	SPPER80-06	SPP72332	SPPCP38930-8-NYB	SPP72425	SPP19350-212-540-NYB
SPP72047	SPPER80-0067	SPP72150	SPPER80-08	SPP72333	SPPCP38936-NYB	SPP72426	SPP19350-212-785-NYB
SPP72048	SPP40200-02	SPP72152	SPP40154-00	SPP72334	SPPCP38938-NYB	SPP72427	SPP19351-213-540-NYB
SPP72049	SPP40200-03	SPP72153	SPP40156-00	SPP72335	SPPCP38940-NYB	SPP72428	SPP19351-213-785-NYB
SPP72050	SPP40352-00	SPP72155	SPP40155-08	SPP72336	SPPCP38937-NYB	SPP72429	SPP22251-311-500-NYB
SPP72051	SPP40353-00	SPP72156	SPP40269-01	SPP72337	SPPCP38939-NYB	SPP72430	SPP22251-311-750-NYB
SPP72052	SPP40354-00	SPP72157	SPP40269-03	SPP72338	SPPCP3894-1-NYB	SPP72431	SPP22252-312-500-NYB
SPP72053	SPP40301-00	SPP72158	SPP40269-04	SPP72340	SPP24230A-1-540-NYB	SPP72432	SPP22252-312-750-NYB
SPP72054	SPP40302-00	SPP72159	SPP40271-01	SPP72341	SPP24230A-2-540-NYB	SPP72433	SPPQJ111-3/4
SPP72055	SPP40306-00	SPP72160	SPP40271-02	SPP72342	SPP24230A-1-785-NYB	SPP72434	SPPQJ111-1
SPP72056	SPP40307-00	SPP72161	SPP40271-03	SPP72343	SPP24230A-2-785-NYB	SPP72435	SPPQJ111SQ-1
SPP72057	SPP40311-00	SPP72162	SPP40271-04	SPP72344	SPPQJ111-1-1/4	SPP72436	SPPQJ111SQ-1-1/4
SPP72058	SPP40312-00	SPP72164	SPP40272-02	SPP72345	SPPQJ22187-3/4-NYB	SPP72437	SPPQJ111SQ-1-1/2
SPP72059	SPP40202-00	SPP72165	SPP40272-03	SPP72346	SPPQJ22187-1-NYB	SPP72440	SPPQJ7421-3/4-NYB
SPP72062	SPP40155-11	SPP72166	SPP40272-04	SPP72347	SPP24216A-3/4-NYB	SPP72441	SPPQJ7421-1-NYB
SPP72064	SPP40167-02	SPP72167	SPP40159-03	SPP72348	SPP24216A-1-NYB	SPP72442	SPPQJT-NYB
SPP72066	SPP40255-03	SPP72168	SPP40159-04	SPP72349	SPPQJ4676-1/8-NYR	SPP72443	SPPQJ14ATT-NYB
SPP72067	SPP40254-02	SPP72169	SPP40387-00	SPP72353	SPP22674-1/4-NYB	SPP72444	SPPQJ8360-NYB
SPP72068	SPP40256-02	SPP72170	SPP40385-00	SPP72354	SPPQJ144T-NYB	SPP72445	SPPQJ78360-NYB
SPP72069	SPP40266-03	SPP72171	SPP40386-00	SPP72355	SPP22669-1/4-PPB	SPP72446	SPP19351-213-406-NYB
SPP72070	SPP40352-01	SPP72172	SPP40392-00	SPP72356	SPP8355-1/4-NYB	SPP72449	SPPCP19438-EPR
SPP72082	SPP40380-01	SPP72173	SPP40390-00	SPP72357	SPP8355-1/8-NYB	SPP72450	SPPCP19438-VI
SPP72083	SPP40385-01	SPP72174	SPP40391-00	SPP72358	SPP21353-6-15-NYB	SPP72452	SPP22252-312-375-NYB
SPP72085	SPP40381-01	SPP72175	SPP40380-00	SPP72359	SPP21354-15-NYB	SPP72453	SPPQJ39685-1L-500-NYB
SPP72086	SPP40386-01	SPP72176	SPP40381-00	SPP72360	SPPQJ363C-500-2-NYB	SPP72454	SPPQJ39685-1R-500-NYB
SPP72088	SPP40382-01	SPP72177	SPP40382-00	SPP72361	SPPQJ363C-750-2-NYB	SPP72455	SPPQJ39685-2-500-NYB
SPP72089	SPP40387-01	SPP72178	SPP40383-00	SPP72362	SPPQJ363C-1000-2-NYB	SPP72457	SPPAA111SQ-1-1/4
SPP72091	SPP40313-00	SPP72180	SPP40388-00	SPP72363	SPPQJ364C-500-2-NYB	SPP72459	SPPAA111SQ-1-1/2
SPP72092	SPP40276-01	SPP72182	SPP40157-02	SPP72364	SPPQJ364C-750-2-NYB	SPP72460	SPPCP48255-1-1/4-302S
SPP72093	SPPULD120-02	SPP72183	SPP40155-03	SPP72365	SPPQJ364C-1000-2-NYB	SPP72461	SPPCP7717-2/110-VI
SPP72094	SPPULD120-04	SPP72184	SPP40360-00	SPP72366	SPPQJ365C-500-2-NYB	SPP72463	SPPAA111-1/2
SPP72095	SPPULD120-05	SPP72185	SPP40361-00	SPP72367	SPPQJ365C-750-2-NYB	SPP72469	SPP7421-1T
SPP72096	SPPULD120-06	SPP72186	SPP40362-00	SPP72368	SPPQJ365C-1000-2-NYB	SPP72470	SPP7421-1T-NYB
SPP72097	SPP40167-00	SPP72189	SPP40365-00	SPP72369	SPPQJ363C-500-1-NYB	SPP72471	SPP7421-3/4T-NYB
SPP72098	SPP40407-00	SPP72190	SPP40366-00	SPP72370	SPPQJ363C-750-1-NYB	SPP72475	SPPCP7418-BU
SPP72099	SPP40406-00	SPP72191	SPP40367-00	SPP72371	SPPQJ363C-1000-1-NYB	SPP72477	SPPCP8057-NYB
SPP72100	SPP40155-00	SPP72193	SPP40370-00	SPP72372	SPPQJ364C-500-1-NYB	SPP72478	SPPCP7528
SPP72101	SPP40155-01	SPP72194	SPP40371-00	SPP72373	SPPQJ364C-750-1-NYB	SPP72480	SPP72480
SPP72102	SPP40155-10	SPP72195	SPP40372-00	SPP72374	SPPQJ364C-1000-1-NYB	SPP72481	SPP72481
SPP72106	SPP40155-07	SPP72196	SPPER80-025	SPP72375	SPPQJ365C-500-1-NYB	SPP72482	SPP72482
SPP72107	SPP40155-09	SPP72197	SPPER110-Q25	SPP72376	SPPQJ365C-750-1-NYB	SPP72484	SPP6471B-400TD
SPP72108	SPP40157-00	SPP72199	SPP40203-00	SPP72377	SPPQJ365C-1000-1-NYB	SPP72485	SPP6472B-400TD
SPP72109	SPP40157-01	SPP72200	SPP7421-3/4T	SPP72378	SPPQJ363C-25MM-NYB	SPP72487	SPP90.900.053
SPP72110	SPP40159-01	SPP72201	SPP7421-1/2T	SPP72379	SPPQJ363C-3/4-NYB	SPP72488	SPP5808
SPP72111	SPP40159-02	SPP72202	SPP25775-3/4T-NYB	SPP72380	SPPQJ363C-1-NYB	SPP72489	SPP72489
SPP72113	SPP40254-00	SPP72203	SPP25775-1/2T-NYB	SPP72382	SPPQJ364C-3/4-NYB	SPP72490	SPP5810
SPP72114	SPP40256-00	SPP72204	SPP04010-2	SPP72383	SPPQJ364C-1-NYB	SPP72492	SPP72492
SPP72115	SPP40255-00	SPP72205	SPP5809	SPP72385	SPPQJ365C-3/4-NYB	SPP72493	SPP72493
SPP72116	SPP40257-00	SPP72206	SPP5813	SPP72386	SPPQJ365C-1-NYB	SPP72494	SPP72494
SPP72117	SPP40266-00	SPP72208	SPP90.900.029	SPP72390	SPPCP38943-2-VITFE	SPP72500	SPPCP1336
SPP72118	SPP40267-00	SPP72210	SPPCP1325	SPP72394	SPP22251-311-375-NYB	SPP72501	SPPCP1322
SPP72119	SPP40250-00	SPP72211	SPP72211	SPP72395	SPPER80-10	SPP72502	SPPCP3818
SPP72120	SPP40251-00	SPP72214	SPP90.900.003	SPP72396	SPPER80-15	SPP72503	SPPCP3817
SPP72121	SPP40260-00	SPP72216	SPP5540-1/4-TT	SPP72397	SPPER80-20	SPP72504	SPPCP3819
SPP72122	SPP40269-02	SPP72217	SPP6240-1/4TT	SPP72398	SPPER80-30	SPP72505	SPPCP4784-CU
SPP72126	SPP40289-00	SPP72221	SPP8600-1/4T-NYB	SPP72399	SPPER110-10	SPP72506	SPPCP1335
SPP72128	SPP40294-00	SPP72222	SPP8600-2-1/4T-NYB	SPP72400	SPP8027	SPP72507	SPPCP1321
SPP72129	SPP40162-00	SPP72240	SPPAA111-3/4	SPP72401	SPP8360-NYB	SPP72508	SPP72508
SPP72130	SPP40163-00	SPP72241	SPPAA111-1	SPP72405	SPP13430-1L-540-NYB	SPP72510	SPP5880-3/4-2TOC06
SPP72134	SPP40200-00	SPP72242	SPPAA111SQ-1	SPP72409	SPPCP4620-FA	SPP72511	SPP5880-3/4-2TOC10
SPP72135	SPPER80-01	SPP72300	SPPTDVC01	SPP72410	SPPCP6227-TEF	SPP72512	SPP5880-3/4-2TOC20
SPP72136	SPPER80-015	SPP72301	SPPTDVC015	SPP72411	SPPCP4620-VI	SPP72513	SPP5880-3/4-2TOC40
SPP72137	SPPER80-02	SPP72302	SPPTDVC02	SPP72414	SPP21950-10-NYB	SPP72514	SPP5430-3/4-2TOC06
SPP72138	SPPER80-03	SPP72305	SPPTDVC04	SPP72415	SPPCP21953-EPR	SPP72515	SPP5430-3/4-2TOC10
SPP72139	SPPER80-04	SPP72308	SPPTDVC08	SPP72416	SPPCP21953-VI	SPP72516	SPP5430-3/4-2TOC20
SPP72140	SPPER80-05	SPP72320	SPPCP20123-1-1/4-430SS	SPP72417	SPP18638-111-540-NYB	SPP72518	SPP6733-OC06
SPP72141	SPPER110-01	SPP72322	SPPCP7717-2/110-BU	SPP72418	SPP18719-111-785-NYB	SPP72519	SPPOC-10
SPP72142	SPPER110-015	SPP72324	SPPCP7717-2/115-VI	SPP72419	SPP18639-112-540-NYB	SPP72520	SPPOC-20
SPP72143	SPPER110-02	SPP72326	SPPCP38921-2-NYB	SPP72420	SPP18720-112-785-NYB	SPP72521	SPPOC-40
SPP72145	SPPER110-04	SPP72327	SPPCP38922-2-NYB	SPP72421	SPP18640-113-540-NYB	SPP72522	SPPH1/4VV-1506
SPP72146	SPPER110-05	SPP72328	SPPCP38923-2-NYB	SPP72422	SPP18721-113-785-NYB	SPP72523	SPPH1/4U-0508HE
SPP72147	SPPER110-06	SPP72329	SPPCP38931-NYB	SPP72423	SPP19349-211-540-NYB	SPP72524	SPPH1/4U-0520HE
SPP72148	SPPER110-08	SPP72330	SPPCP7717-2/13-EPR	SPP72424	SPP19349-211-785-NYB	SPP72525	SPPH1/4U-0540HE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP72526	SPPH1/4VVL-9502	SPP72661	SPPTK-.75	SPP72878	SPPDC25-NY	SPP73070	SPP73070
SPP72527	SPPH1/4VVL-11004	SPP72662	SPPTK-1	SPP72879	SPPDC31-NY	SPP73080	SPPDC56-NY
SPP72528	SPPH1/4VVL-9506	SPP72663	SPPTK-1.5	SPP72880	SPPDC33-NY	SPP73086	SPPC18999-VI
SPP72532	SPP72532	SPP72665	SPPTK-2	SPP72881	SPPDC35-NY	SPP73087	SPPCP25599-1-NY
SPP72534	SPP6733-OC08	SPP72666	SPPTK-2.5	SPP72882	SPPDC45-NY	SPP73089	SPPCP25599-3-NY
SPP72537	SPPTQ150-05	SPP72667	SPPTK-3	SPP72883	SPPDC13-HSS	SPP73094	SPPCP25599-8-NY
SPP72538	SPPCP1480-1-PP	SPP72668	SPPTK-4	SPP72884	SPPDC23-HSS	SPP73095	SPPQJ4676-45-1/4-NYR
SPP72539	SPPQJ8355-1/4-NYB	SPP72669	SPPTK-5	SPP72885	SPPDC25-HSS	SPP73096	SPPQJ4676-90-1/4-NYR
SPP72540	SPP3/4KLC-72	SPP72671	SPPTK-SS.50	SPP72886	SPPDC31-HSS	SPP73097	SPPMLST100-H
SPP72544	SPP72544	SPP72672	SPPTK-SS.75	SPP72887	SPPDC33-HSS	SPP73116	SPPTK-SS30
SPP72545	SPP4193A-PP-40-50SS	SPP72673	SPPTK-SS1	SPP72888	SPPDC35-HSS	SPP73117	SPPQJ17560A-1/2-NYB
SPP72546	SPPB11-114	SPP72674	SPPTK-SS1.5	SPP72889	SPPDC45-HSS	SPP73118	SPPQJ17560A-3/4-NYB
SPP72547	SPPCP18999-EPR	SPP72675	SPPTK-SS2	SPP72890	SPPDC13-CER	SPP73129	SPP40166-00
SPP72551	SPPCP25595-2-NY	SPP72676	SPPTK-SS2.5	SPP72891	SPPDC23-CER	SPP73130	SPP40269-05
SPP72552	SPPQJ8600-2-1/4-NYB	SPP72677	SPPTK-SS3	SPP72892	SPPDC25-CER	SPP73131	SPP40269-06
SPP72553	SPPQJ4676-1/4-NYR	SPP72678	SPPTK-SS4	SPP72893	SPPDC31-CER	SPP73133	SPP40269-08
SPP72556	SPPCP2812	SPP72679	SPPTK-SS5	SPP72894	SPPDC33-CER	SPP73134	SPP40269-09
SPP72557	SPPCP3820-50-SS	SPP72680	SPPTK-SS7.5	SPP72895	SPPDC35-CER	SPP73135	SPP40276-02
SPP72559	SPPQJ8600-2-1/4-NYB	SPP72690	SPP35654-1N	SPP72896	SPPDC45-CER	SPP73136	SPP40276-03
SPP72561	SPPCP11440-1-CE	SPP72691	SPP35654-2N	SPP72897	SPP37444-1	SPP73137	SPP40276-04
SPP72562	SPPCP114440-2-CE	SPP72694	SPP35654-5N	SPP72898	SPPDC56-HSS	SPP73138	SPP40271-05
SPP72563	SPPCP11440-3-CE	SPP72700	SPP35309-11N	SPP72901	SPP3210065P	SPP73143	SPP40272-05
SPP72564	SPPCP11440-4-CE	SPP72728	SPPPOC-01	SPP72903	SPP11750-PP-5	SPP73145	SPP40273-03
SPP72565	SPPCP114440-5-CE	SPP72739	SPP18645-NYB-540	SPP72904	SPP11750-10	SPP73147	SPP40273-05
SPP72567	SPPCP11440-7-CE	SPP72752	SPP1/4KLC-SS36	SPP72905	SPP4514-10	SPP73152	SPP40274-05
SPP72568	SPPCP11440-8-CE	SPP72756	SPP1/8K-1	SPP72906	SPP4067-SS-50	SPP73159	SPP152607TC
SPP72569	SPPCP26277-1-NY	SPP72769	SPPULD120-015	SPP72907	SPP4067-SS-100	SPP73160	SPP65MN011X1.3
SPP72571	SPPCP25609-1-NY	SPP72770	SPPULD120-03	SPP72908	SPP12328-1/2-NYB	SPP73162	SPP22W11MF64
SPP72572	SPPCP25609-2-NY	SPP72772	SPPTQ150-01	SPP72909	SPP12328-3/4-NYB	SPP73172	SPP13438-540-NYB
SPP72573	SPPCP25609-3-NY	SPP72776	SPPTQ150-02	SPP72910	SPP4514-NY-32	SPP73177	SPP101F-12
SPP72574	SPPCP25609-4-NY	SPP72786	SPPTQ150-04	SPP72911	SPP4514-NY-20	SPP73180	SPPHBEL100-90
SPP72575	SPPCP25609-5-NY	SPP72788	SPPCP114442-2-CE	SPP72912	SPP4514-NY-10	SPP73182	SPPTEG100
SPP72576	SPPCP25609-6-NY	SPP72790	SPPCP114442-5-CE	SPP72913	SPP4193A-5-50SS	SPP73184	SPPBF150
SPP72577	SPPCP25609-7-NY	SPP72791	SPPCP114442-6-CE	SPP72914	SPP4193A-5-100SS	SPP73185	SPPBF200
SPP72578	SPPCP25609-8-NY	SPP72792	SPPCP114442-8-CE	SPP72920	SPP6051-SS-100	SPP73187	SPPBF200G
SPP72580	SPP18635-111-406-NYB	SPP72793	SPPCP114442-4-CE	SPP72928	SPPDC46	SPP73190	SPEL038-90
SPP72581	SPPCP114444-1-CE	SPP72794	SPPCP114442-3-CE	SPP72929	SPPDC56-CER	SPP73192	SPP100F-12
SPP72582	SPPCP114444-2-CE	SPP72795	SPPCP114442-7-CE	SPP72935	SPPDVP-2	SPP73193	SPP100F-34
SPP72583	SPPCP114444-3-CE	SPP72798	SPPTQ150-06-SS	SPP72936	SPPDVP-3	SPP73195	SPPH025/038
SPP72584	SPPCP114444-4-CE	SPP72807	SPP30-CR-56	SPP72937	SPPDVP-7	SPP73196	SPPHB038/050
SPP72585	SPPCP114444-5-CE	SPP72808	SPP30-DC-06	SPP72943	SPPCP17553-1-PP	SPP73197	SPPHB075/038
SPP72586	SPPCP114444-6-CE	SPP72809	SPP30-DC-07	SPP72944	SPPCP24222-NYB	SPP73198	SPPHB125/150
SPP72587	SPPCP114444-7-CE	SPP72813	SPPTQ150-09-SS	SPP72946	SPP1/8K-.50	SPP73199	SPPHB150/200
SPP72588	SPPCP114444-8-CE	SPP72830	SPPD1	SPP72947	SPP1/8K-SS.50	SPP73200	SPPHB025
SPP72591	SPP72591	SPP72831	SPPD1.5	SPP72952	SPP1/8K-SS1.5	SPP73201	SPPHB038
SPP72593	SPP18636-112-406-NYB	SPP72832	SPPD2	SPP72954	SPP1/8K-SS2	SPP73202	SPPHB050/038
SPP72594	SPPCP4246-CU	SPP72833	SPPD3	SPP72955	SPP1/4K-2	SPP73203	SPPHB050
SPP72595	SPPCP4245-CU	SPP72834	SPPD4	SPP72956	SPP1/4K-SS2	SPP73204	SPPHB050/075
SPP72597	SPPCP4420	SPP72835	SPPD5	SPP72957	SPP1/4K-SS2.5	SPP73205	SPPHB075/050
SPP72600	SPPDC-02	SPP72836	SPPD6	SPP72962	SPP1/8K-SS3	SPP73206	SPPHB075
SPP72601	SPPDC-03	SPP72837	SPPD7	SPP72964	SPP1/4K-SS3	SPP73207	SPPHB075/058
SPP72602	SPPDC-04	SPP72838	SPPD8	SPP72966	SPP1/8K-SS4	SPP73208	SPPHB075/100
SPP72603	SPPDC-06	SPP72839	SPPD10	SPP72968	SPP1/8K-SS5	SPP73209	SPPHB100/075
SPP72604	SPPDC-08	SPP72840	SPPD12	SPP72969	SPP1/4K-5	SPP73211	SPPHB100/125
SPP72605	SPPDC-12	SPP72841	SPPD14	SPP72970	SPP1/4K-SS5	SPP73212	SPPHB125/075
SPP72606	SPPDC-16	SPP72842	SPPD16	SPP72972	SPP1/8K-SS7.5	SPP73213	SPPHB125/100
SPP72608	SPPF80-20	SPP72854	SPPDCER-2	SPP72974	SPP1/4K-SS7.5	SPP73215	SPPHB150/100
SPP72626	SPPQCK-SS20	SPP72855	SPPDCER-3	SPP72978	SPP1/8K-SS10	SPP73216	SPPHB150/125
SPP72631	SPPDC-80	SPP72856	SPPDCER-4	SPP72980	SPP1/4K-SS10	SPP73217	SPPHB150
SPP72633	SPP5500-X5	SPP72857	SPPDCER-5	SPP72982	SPPTK-SS15	SPP73219	SPPHB200/150
SPP72634	SPP5500-X8	SPP72858	SPPDCER-6	SPP72988	SPPTK-SS20	SPP73221	SPPHB025-90
SPP72635	SPPCP3942	SPP72859	SPPDCER-7	SPP72989	SPP1/8K-20	SPP73222	SPPHB038-90
SPP72636	SPP5500-PPB-X8	SPP72860	SPPDCER-8	SPP72992	SPP1/4K-SS20	SPP73223	SPPHB050/038-90
SPP72637	SPP72637	SPP72861	SPPDCER-10	SPP72993	SPP4514-20	SPP73224	SPPHB050-90
SPP72641	SPP30DT0.75	SPP72865	SPPDC13	SPP72994	SPP4514-32	SPP73225	SPPHB050/075-90
SPP72642	SPP30DT1.0	SPP72866	SPPDC23	SPP72995	SPPDCER-1	SPP73225G	SPP10-1234P
SPP72643	SPP30DT1.5	SPP72867	SPPDC25	SPP72997	SPPDVP-5	SPP73226	SPPHB075/050-90
SPP72645	SPP30DT2.0	SPP72868	SPPDC31	SPP73002	SPPCP38948-NYB	SPP73226G	SPP12-3412P
SPP72647	SPP30DT2.5	SPP72869	SPPDC33	SPP73005	SPP24216A-1/2-NYB	SPP73227	SPPHB075-90
SPP72648	SPP30DT3.0	SPP72870	SPPDC35	SPP73006	SPPQJ22187-1/2-NYB	SPP73228	SPPHB075/100-90
SPP72650	SPP30DT5.0	SPP72871	SPPDC45	SPP73007	SPPH7421-1/2-NYB	SPP73229	SPPHB100/075-90
SPP72651	SPP30DT7.5	SPP72876	SPPDC13-NY	SPP73008	SPPQJ111-1/2	SPP73229G	SPP12-10034P
SPP72660	SPPTK-.50	SPP72877	SPPDC23-NY	SPP73009	SPPQJ111SQ-3/4	SPP73230	SPPHB100-90

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP73231	SPPHB100/125-90	SPP73321	SPPCPLG038	SPP73405	SPP29-112	SPP73479	SPP46-34
SPP73232	SPPHB125/100-90	SPP73322	SPPCPLG050	SPP73406	SPP29-200	SPP73480	SPP73480
SPP73233	SPPHB125-90	SPP73323	SPPCPLG075	SPP73407	SPP30-34	SPP73481	SPP73481
SPP73234	SPPHB150-90	SPP73324	SPPCPLG100	SPP73408	SPPRB400-300	SPP73482	SPP39-34
SPP73235	SPPHB200-90	SPP73325	SPPCPLG125	SPP73409	SPP24-38	SPP73483	SPP10-1838
SPP73236	SPPHB300-90	SPP73326	SPPCPLG150	SPP73410	SPP73410	SPP73484	SPP10-1814
SPP73237	SPPHB150/125-90	SPP73327	SPPCPLG200	SPP73411	SPP22-34	SPP73485	SPP10-1412
SPP73238	SPPHB200/150-90	SPP73328	SPPCPLG300	SPP73412	SPP22-100	SPP73485G	SPP10-1412P
SPP73239	SPPNIP038-SH	SPP73333	SPPTEE038	SPP73413	SPP22-114	SPP73486	SPP10-1438
SPP73240	SPPNIP050-SH	SPP73334	SPPTEE050	SPP73414	SPP22-112	SPP73487	SPP10-14
SPP73241	SPPNIP050-3	SPP73335	SPPTEE075	SPP73415	SPP22-200	SPP73488	SPP10-3812
SPP73242	SPPNIP075-SH	SPP73336	SPPTEE100	SPP73416	SPP73416	SPP73488G	SPP10-3812P
SPP73243	SPPNIP075-4	SPP73337	SPPTEE125	SPP73417	SPP73417	SPP73489	SPP10-38
SPP73244	SPPNIP075-6	SPP73338	SPPTEE150	SPP73418	SPP24-14	SPP73490	SPP10-3814
SPP73245	SPPNIP100-SH	SPP73339	SPPTEE200	SPP73419	SPP24-12	SPP73491	SPP10-1234
SPP73246	SPPNIP100-4	SPP73340	SPPTEE300	SPP73420	SPP24-34	SPP73492	SPP10-1258
SPP73247	SPPNIP100-6	SPP73341	SPP73341	SPP73421	SPP24-100	SPP73493	SPP10-12
SPP73248	SPPNIP125-SH	SPP73345	SPPEL050-90	SPP73422	SPP24-114	SPP73493G	SPP10-12P
SPP73249	SPPNIP125-4	SPP73346	SPPEL075-90	SPP73423	SPP24-112	SPP73494	SPP10-1238
SPP73250	SPPNIP125-6	SPP73347	SPPEL100-90	SPP73424	SPP24-200	SPP73495	SPP10-1214
SPP73251	SPPNIP150-SH	SPP73348	SPPEL125-90	SPP73425	SPPCR050	SPP73496	SPP10-34100
SPP73252	SPPNIP150-4	SPP73349	SPPEL150-90	SPP73426	SPP73426	SPP73496G	SPP10-34100P
SPP73253	SPPNIP150-6	SPP73350	SPPEL200-90	SPP73427	SPP26-11412	SPP73497	SPP10-34
SPP73254	SPPNIP200-SH	SPP73351	SPPEL300-90	SPP73428	SPP26-3814	SPP73497G	SPP10-34P
SPP73255	SPPNIP200-4	SPP73352	SPP102F-14	SPP73429	SPP26-1214	SPP73498	SPP10-3458
SPP73256	SPPNIP200-6	SPP73356	SPPSL038-90	SPP73430	SPP73430	SPP73499	SPP10-3412
SPP73257	SPPNIP300-SH	SPP73357	SPPSL050-90	SPP73431	SPP73431	SPP73499G	SPP10-3412P
SPP73258	SPPNIP300-4	SPP73358	SPPSL075-90	SPP73432	SPP26-3414	SPP73500	SPP10-3438
SPP73259	SPPNIP300-6	SPP73359	SPPSL100-90	SPP73433	SPP26-3438	SPP73501	SPP73501
SPP73261	SPPRB038-025	SPP73360	SPPSL125-90	SPP73434	SPP26-3412	SPP73502	SPP73502
SPP73262	SPPRB075-018	SPP73361	SPPSL150-90	SPP73435	SPP26-10012	SPP73503	SPP40-3412
SPP73263	SPPRB100-018	SPP73362	SPPSL200-90	SPP73436	SPP26-10034	SPP73504	SPP73504
SPP73264	SPPRB100-025	SPP73363	SPPSL300-90	SPP73437	SPP73437	SPP73505	SPP10-10034
SPP73265	SPPRB050-025	SPP73364	SPPSL075-45	SPP73438	SPP73438	SPP73505G	SPP10-10034P
SPP73266	SPPRB050-038	SPP73365	SPPSL100-45	SPP73439	SPP73439	SPP73506	SPP10-100
SPP73267	SPPRB075-025	SPP73366	SPPSL125-45	SPP73440	SPP73440	SPP73506G	SPP10-100P
SPP73268	SPPRB075-038	SPP73367	SPPSL150-45	SPP73441	SPP73441	SPP73507	SPP10-100114
SPP73269	SPPRB075-050	SPP73368	SPPSL200-45	SPP73442	SPP73442	SPP73508	SPP10-11434
SPP73270	SPPRB100-050	SPP73369	SPPHBT050-075	SPP73443	SPP26-300200	SPP73509	SPP10-114100
SPP73271	SPPRB100-075	SPP73370	SPPHBT075	SPP73444	SPP73444	SPP73510	SPP10-114
SPP73272	SPPRB125-075	SPP73371	SPPHBT100	SPP73445	SPP73445	SPP73511	SPP10-114112
SPP73273	SPPRB125-100	SPP73372	SPPHBT050-038	SPP73446	SPP33-14	SPP73512	SPP10-112114
SPP73274	SPPRB150-075	SPP73373	SPPHBT075-050	SPP73447	SPP33-38	SPP73513	SPP10-112
SPP73275	SPPRB150-100	SPP73374	SPPHBT100-075	SPP73448	SPP33-12	SPP73513G	SPP10-112P
SPP73276	SPPRB150-125	SPP73375	SPPRN050-038	SPP73449	SPP33-34	SPP73514	SPP10-200
SPP73277	SPPRB200-075	SPP73376	SPPRN100-050	SPP73450	SPP33-100	SPP73514G	SPP10-200P
SPP73278	SPPRB200-100	SPP73377	SPPRN075-050	SPP73451	SPP33-114	SPP73515	SPP73515
SPP73279	SPPRB200-125	SPP73378	SPPRN100-075	SPP73452	SPP33-112	SPP73516	SPP73516
SPP73280	SPPRB200-150	SPP73379	SPPRN125-100	SPP73453	SPP33-200	SPP73517	SPP73517
SPP73281	SPPRB300-150	SPP73380	SPPRN150-125	SPP73454	SPP33-3812	SPP73518	SPP73518
SPP73282	SPPRB300-200	SPP73381	SPPRN200-150	SPP73455	SPP33-18	SPP73519	SPP73519
SPP73283	SPPHB125/150-90	SPP73382	SPPRN300-200	SPP73456	SPP27-18	SPP73520	SPP73520
SPP73285	SPP116F-12	SPP73383	SPPRN125-075	SPP73457	SPP58-12	SPP73521	SPP73521
SPP73288	SPPRC100-075	SPP73384	SPPRN150-100	SPP73458	SPP27-12	SPP73522	SPP73522
SPP73289	SPPRC150-100	SPP73385	SPPRN200-125	SPP73459	SPP27-34	SPP73523	SPP73523
SPP73290	SPPRC150-125	SPP73386	SPPSL300-45	SPP73460	SPP27-100	SPP73524	SPP73524
SPP73291	SPPRC200-100	SPP73387	SPPRB125-038	SPP73461	SPP27-114	SPP73525	SPP73525
SPP73292	SPPRC200-125	SPP73388	SPPCR075	SPP73462	SPP27-112	SPP73526	SPP73526
SPP73293	SPPRC200-150	SPP73389	SPPCR100	SPP73463	SPP27-200	SPP73527	SPP73527
SPP73294	SPPRC300-200	SPP73390	SPPCR150	SPP73464	SPP27-14	SPP73528	SPP12-14
SPP73300	SPPPLUG050	SPP73391	SPPCR200	SPP73465	SPP27-38	SPP73529	SPP12-1214
SPP73301	SPPPLUG075	SPP73392	SPPCR125	SPP73466	SPP31-18	SPP73530	SPP12-1412
SPP73302	SPPPLUG100	SPP73394	SPP30-12	SPP73467	SPP31-14	SPP73530G	SPP12-1412P
SPP73303	SPPPLUG125	SPP73395	SPP30-3418	SPP73468	SPP31-38	SPP73531	SPP12-1438
SPP73304	SPPPLUG150	SPP73396	SPP30-100	SPP73469	SPP31-34	SPP73532	SPP12-1458
SPP73305	SPPPLUG200	SPP73397	SPP30-114	SPP73470	SPP31-100	SPP73533	SPP12-3814
SPP73306	SPPPLUG300	SPP73398	SPP30-112	SPP73471	SPP31-114	SPP73534	SPP12-38
SPP73311	SPPCAP125	SPP73399	SPP30-200	SPP73472	SPP31-112	SPP73534G	SPP12-38P
SPP73312	SPPCAP075	SPP73400	SPP16-14	SPP73473	SPP31-200	SPP73535	SPP12-3812
SPP73313	SPPCAP100	SPP73401	SPP16-12	SPP73474	SPP31-112	SPP73535G	SPP12-3812P
SPP73314	SPPCAP150	SPP73402	SPP29-34	SPP73475	SPP73475	SPP73536	SPP12-1238
SPP73315	SPPCAP200	SPP73403	SPP29-100	SPP73476	SPP73476	SPP73537	SPP12-12
SPP73316	SPPCAP300	SPP73404	SPP29-114	SPP73477	SPP43-34	SPP73538G	SPP12-12P
				SPP73478	SPPRC200-050	SPP73539	SPP12-1258
						SPP73540	SPP12-1234

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP73541	SPP12-1814	SPP73608	SPP16-3412	SPP73718	SPP400A	SPP73807	SPP25-14
SPP73542	SPPCN3800	SPP73609	SPP110-1218	SPP73719	SPP400B	SPP73808	SPP25-34
SPP73543	SPP12-3438	SPP73610	SPP33-1814	SPP73720	SPP075D	SPP73810	SPP13435-406-NYB
SPP73544	SPP12-3412	SPP73611	SPP33-1838	SPP73721	SPP100D	SPP73817	SPP480-020-4
SPP73545	SPP12-3458	SPP73612	SPP33-1438	SPP73722	SPP125D	SPP73818	SPP480-030-4
SPP73546	SPP12-34	SPP73613	SPP33-1812	SPP73723	SPP150D	SPP73819	SPP480-040-4
SPP73547	SPP12-34P	SPP73614	SPP33-1412	SPP73725	SPP300D	SPP73820	SPPHM050
SPP73548	SPP12-34100	SPP73615	SPP33-3834	SPP73726	SPP75B3/4	SPP73821	SPPHM075
SPP73549	SPP12-10012	SPP73616	SPP33-1234	SPP73727	SPP100B	SPP73822	SPPHM100
SPP73550	SPP12-10034	SPP73617	SPP33-114100	SPP73728	SPP125B	SPP73823	SPPHM125
SPP73551	SPP12-10058	SPP73618	SPP73618	SPP73729	SPP150B	SPP73824	SPPHM150
SPP73552	SPP12-100	SPP73619	SPP73619	SPP73730	SPP200B	SPP73825	SPPHM200
SPP73553	SPP12-100P	SPP73620	SPP73620	SPP73731	SPP300B	SPP73826	SPPHM300
SPP73554	SPP110-1418	SPP73621	SPP73621	SPP73732	SPP075C	SPP73827	SPPSW100
SPP73555	SPP110-3818	SPP73622	SPP32-14	SPP73733	SPP100C	SPP73828	SPPSW150
SPP73556	SPP12-11434	SPP73623	SPP32-38	SPP73734	SPP125C	SPP73829	SPPSW200
SPP73557	SPP12-114100	SPP73624	SPP32-12	SPP73735	SPP150C	SPP73830	SPPVC230
SPP73558	SPP12-114	SPP73625	SPP32-34	SPP73736	SPP200C	SPP73831	SPPVC200
SPP73559	SPP12-114112	SPP73626	SPP17-1418	SPP73737	SPP300C	SPP73832	SPPAF150
SPP73560	SPP12-112	SPP73627	SPP17-14	SPP73738	SPP400C	SPP73833	SPPAF200
SPP73561	SPP12-112P	SPP73628	SPP17-14	SPP73739	SPP400D	SPP73834	SPPAF300
SPP73562	SPP12-112P	SPP73629	SPP17-3814	SPP73740	SPP75PL	SPP73835	SPPPLW-075-R
SPP73563	SPP12-200	SPP73630	SPP17-1214	SPP73741	SPP100125PL	SPP73836	SPPNIP150-3
SPP73564	SPP110-3814	SPP73631	SPP17-1438	SPP73742	SPP150PL	SPP73837	SPPNIP150-5
SPP73565	SPP73561	SPP73632	SPP17-38	SPP73743	SPP200PL	SPP73838	SPP40320-00
SPP73566	SPP13-3412	SPP73633	SPP17-1238	SPP73744	SPP300PL	SPP73839	SPP40321-00
SPP73567	SPP13-34	SPP73634	SPP17-3812	SPP73745	SPP075CAP	SPP73840	SPP40322-00
SPP73568	SPP13-3812	SPP73635	SPP17-12	SPP73746	SPP100125CAP	SPP73841	SPP40323-00
SPP73569	SPP14-18	SPP73636	SPP17-34	SPP73747	SPP150CAP	SPP73842	SPP40324-00
SPP73570	SPP73566	SPP73637	SPP17-10034	SPP73748	SPP200CAP	SPP73843	SPP40325-00
SPP73571	SPP73567	SPP73638	SPP18-34	SPP73749	SPP300CAP	SPP73844	SPP40326-00
SPP73572	SPP73568	SPP73639	SPP18-34	SPP73750	SPP400E	SPP73845	SPP40327-00
SPP73573	SPP15-12	SPP73640	SPP73640	SPP73751	SPP400F	SPP73846	SPP40328-00
SPP73574	SPP15-34	SPP73641	SPP73641	SPP73752	SPP400PL	SPP73847	SPP40330-00
SPP73575	SPP73571	SPP73642	SPP73642	SPP73753	SPP75G	SPP73848	SPP10-18B
SPP73576	SPP73572	SPP73643	SPP73643	SPP73754	SPP100G	SPP73849	SPP40341-00
SPP73577	SPP15-112	SPP73644	SPP73644	SPP73755	SPP150G	SPP73850	SPP40342-00
SPP73578	SPP73574	SPP73645	SPP73645	SPP73756	SPP200G	SPP73851	SPP10-1814B
SPP73579	SPP14-1438	SPP73646	SPP11-34	SPP73757	SPP300K	SPP73852	SPP40341-04
SPP73580	SPP14-1412	SPP73647	SPP110-1214	SPP73758	SPP400CAP	SPP73853	SPP3430-0767
SPP73581	SPP14-14	SPP73648	SPP110-1238	SPP73759	SPP400G	SPP73854	SPP0300-7700X
SPP73582	SPP14-38	SPP73649	SPP110-3418	SPP73760	SPP112-38	SPP73855	SPP5001-5321
SPP73583	SPP14-12	SPP73650	SPP110-3414	SPP73761	SPP112-34	SPP73856	SPP5501-5321
SPP73584	SPP14-12P	SPP73651	SPP110-3438	SPP73762	SPP150A90	SPP73857	SPP2570-0013
SPP73585	SPP14-3812	SPP73652	SPP110-3412	SPP73763	SPP150C90	SPP73858	SPP10-14B
SPP73586	SPP14-1258	SPP73653	SPP108-14	SPP73764	SPP150D90	SPP73859	SPP10-1838B
SPP73587	SPP14-58	SPP73654	SPP108-12	SPP73765	SPP150F90	SPP73860	SPP10-38B
SPP73588	SPP14-34	SPP73655	SPP108-12	SPP73766	SPP200A90	SPP73861	SPP10-3812B
SPP73589	SPP14-34P	SPP73656	SPP108-34	SPP73767	SPP200C90	SPP73862	SPP10-3834
SPP73590	SPP14-100	SPP73657	SPP121-18	SPP73768	SPP200D90	SPP73863	SPP10-12B
SPP73591	SPP14-100P	SPP73658	SPP4223N-B524-00	SPP73769	SPP200E90	SPP73864	SPP10-1258B
SPP73592	SPP14-114	SPP73659	SPP4200-0212N	SPP73770	SPP200F90	SPP73865	SPP10-1234B
SPP73593	SPP14-112	SPP73660	SPP4200-0004E	SPP73771	SPP150125A	SPP73866	SPP10-12100
SPP73594	SPP14-112	SPP73661	SPP402002-130	SPP73772	SPP150125B	SPP73867	SPP90.900.020
SPP73595	SPP14-200	SPP73662	SPP2002030	SPP73773	SPP150125C	SPP73868	SPP10-3412B
SPP73596	SPP14-200	SPP73663	SPP402255	SPP73774	SPP150125D	SPP73869	SPP90.900.035
SPP73597	SPP14-3858	SPP73664	SPP4222N-B323	SPP73775	SPP150125E	SPP73870	SPP10-34114
SPP73598	SPP16-18	SPP73665	SPP40112265	SPP73776	SPP150125F	SPP73871	SPP10-10038
SPP73599	SPP16-1414	SPP73666	SPP4012265	SPP73777	SPP75B1/2	SPP73872	SPP10-10012
SPP73600	SPP16-38	SPP73667	SPPCAP050	SPP73778	SPP75A1/2	SPP73873	SPP10-10058
SPP73601	SPP16-1212	SPP73668	SPP112-14	SPP73779	SPP75A3/8	SPP73874	SPP10-11234
SPP73602	SPP16-1238	SPP73669	SPP75A3/4	SPP73780	SPP75A1/4	SPP73875	SPP10-112100
SPP73603	SPP16-341212	SPP73670	SPP100A	SPP73781	SPP75A3/4/SA	SPP73876	SPP10-112100P
SPP73604	SPP16-58	SPP73671	SPP125A	SPP73782	SPP75A1/2/SA	SPP73877	SPP10-200112
SPP73605	SPP16-34	SPP73672	SPP150A	SPP73783	SPP75A3/8/SA	SPP73878	SPP11-1814
SPP73606	SPP16-100	SPP73673	SPP200A	SPP73784	SPP75A1/4	SPP73789	SPP11-1814B
SPP73607	SPP16-100	SPP73674	SPP075F	SPP73785	SPP75A3/4/SA	SPP73790	SPP11-1838
SPP73608	SPP16-114	SPP73675	SPP100F	SPP73786	SPP75A1/2/SA	SPP73791	SPP11-14
SPP73609	SPP16-112	SPP73676	SPP125F	SPP73787	SPP75A3/8/SA	SPP73792	SPP11-14B
SPP73610	SPP16-200	SPP73677	SPP150F	SPP73788	SPP75A1/4/SA	SPP73793	SPP11-1438B
SPP73611	SPP16-1214	SPP73678	SPP300F	SPP73789	SPPHB-400	SPP73794	SPP11-3814
SPP73612	SPP16-316	SPP73679	SPP075E	SPP73790	SPPNIP-400-SH	SPP73795	SPP11-38
SPP73613	SPPFN-150	SPP73680	SPP100E	SPP73791	SPEL100-45	SPP73796	SPP11-3812
SPP73614	SPP10-112200	SPP73681	SPP125E	SPP73792	SPP73805	SPP73797	SPP11-1214
SPP73615	SPP16-3814	SPP73682	SPP150E	SPP73793		SPP73798	
SPP73616	SPP16-1438	SPP73683	SPP200E	SPP73794		SPP73799	
SPP73617	SPP16-3812	SPP73684	SPP300E	SPP73795		SPP73800	

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP73971	SPP11-1238	SPP74070	SPP74070	SPP74148	SPP7105A	SPP74290	SPP23120A-3/4-PP
SPP73972	SPP11-1238B	SPP74071	SPP74071	SPP74149	SPP7106A	SPP74291	SPP23520-1/2-PP
SPP73973	SPP11-12	SPP74072	SPP74072	SPP74150	SPP7085A	SPP74292	SPP23520-3/4-PP
SPP73975	SPP11-1258	SPP74073	SPP74073	SPP74151	SPP7086A	SPP74294	SPP12690-3/4-NYB
SPP73976	SPP11-1234	SPP74074	SPP74074	SPP74152	SPP7087A	SPP74297	SPPCP22664-PP
SPP73977	SPP11-3438	SPP74075	SPP12-34100G	SPP74153	SPP7088A	SPP74300	SPPCP16054-1-AL
SPP73978	SPP11-3412	SPP74076	SPP74076	SPP74154	SPP7089A	SPP74301	SPPCP7480-IZP
SPP73979	SPPHBF075	SPP74079	SPP56-38B	SPP74155	SPP7091A	SPP74302	SPPCP7491-SS
SPP73980	SPPHBF075-100	SPP74080	SPP56-12B	SPP74156	SPP7092A	SPP74303	SPPCP8591-IZP
SPP73981	SPPHBF100	SPP74081	SPP56-34B	SPP74157	SPPL150B	SPP74305	SPPCP16071-NP
SPP73982	SPP13-1814	SPP74084	SPP43-38B	SPP74158	SPPL150C	SPP74306	SPPCP7892-IZP
SPP73983	SPP13-1838	SPP74085	SPP43-12B	SPP74159	SPPL150D	SPP74307	SPPCP16052-NP
SPP73984	SPP13-14	SPP74086	SPP43-34B	SPP74160	SPPL150CAP	SPP74308	SPPCP7677-8-SS
SPP73985	SPP13-1438	SPP74087	SPP46-3412B	SPP74161	SPPL200B	SPP74309	SPPCP7677-18-SS
SPP73986	SPP13-3814	SPP74088	SPP90.900.022	SPP74162	SPP7200C	SPP74310	SPPCP7677-24-SS
SPP73987	SPP13-38	SPP74089	SPP55-34B	SPP74163	SPPL200D	SPP74311	SPPCP7677-36-SS
SPP73988	SPP13-12	SPP74090	SPP60-14B	SPP74164	SPPL200CAP	SPP74312	SPPCP7677-48-SS
SPP73989	SPP13-1258	SPP74091	SPP60-38B	SPP74165	SPP200KL	SPP74313	SPPCP7679-1
SPP73990	SPP13-1234	SPP74092	SPP60-12B	SPP74167	SPP200150C	SPP74314	SPP74314
SPP73991	SPP13-3458	SPP74093	SPP49-12B	SPP74168	SPPV20207	SPP74315	SPP7715-8
SPP73992	SPP12-1814B	SPP74094	SPP49-34B	SPP74169	SPPAF100	SPP74316	SPP7715-18
SPP73993	SPP12-1838	SPP74095	SPP90.900.046	SPP74170	SPPAF400	SPP74317	SPP7715-24
SPP73995	SPP12-14B	SPP74096	SPP70-12B	SPP74178	SPPAF300G	SPP74318	SPP7715-36
SPP73998	SPP12-38B	SPP74097	SPP70-58B	SPP74179	SPPAF400G	SPP74319	SPP7715-48
SPP74000	SPPAA23L-7676-8	SPP74098	SPP70-34B	SPP74180	SPPAF100GV	SPP74320	SPP13206-8
SPP74001	SPPAA23L-7676-18	SPP74100	SPP7002A	SPP74184	SPP75GB	SPP74322	SPP13206-24
SPP74002	SPPAA23L-7676-24	SPP74101	SPP7003A	SPP74185	SPP100GB	SPP74324	SPP13206-48
SPP74003	SPPAA23L-7676-36	SPP74102	SPP7004A	SPP74186	SPP150GB	SPP74325	SPP7715-30
SPP74004	SPPAA23L-7676-48	SPP74103	SPP7005A	SPP74187	SPP200GB	SPP74327	SPPCP9539-INP
SPP74005	SPPAA43H-6	SPP74104	SPP7006A	SPP74188	SPP300GB	SPP74328	SPPCP14252-INP
SPP74006	SPPAA43H-AL6	SPP74105	SPP7008A	SPP74190	SPP100GV	SPP74329	SPPCP8038-SS
SPP74007	SPPAA43HA-6	SPP74106	SPP7009A	SPP74191	SPP75P	SPP74332	SPPCP1325-AL
SPP74008	SPPAA43HA-14	SPP74107	SPP7016A	SPP74192	SPP100P	SPP74333	SPPCP10566
SPP74009	SPPAA12-6	SPP74108	SPP7017B	SPP74193	SPP200P	SPP74334	SPPCP10566-AL
SPP74010	SPPAA12-AL6	SPP74109	SPP7018A	SPP74194	SPP300P	SPP74335	SPPCP10571-2-NYB
SPP74011	SPPAA18-AL6	SPP74110	SPP7019A	SPP74196	SPP150RING	SPP74336	SPPCP10571-3-NYB
SPP74013	SPPAA143-AL-GH-6	SPP74111	SPP7020A	SPP74197	SPP400GV	SPP74337	SPPCP6943-AL
SPP74015	SPPAA2A-AL45	SPP74112	SPP7022A	SPP74198	SPP22650-PP-1/4	SPP74338	SPPCP19238-416SS
SPP74017	SPPAA2A-45	SPP74113	SPP7023A	SPP74199	SPP22665-15-PP	SPP74339	SPPCP6604
SPP74018	SPPAA23H	SPP74114	SPP7029A	SPP74200	SPPAB23L-7676-KIT	SPP74340	SPPCP6604-AL
SPP74019	SPPAA31TL	SPP74115	SPP7030B	SPP74201	SPPPK-AB43-KIT	SPP74341	SPPCP6492-AL
SPP74020	SPP22670-PP-15-1/4	SPP74116	SPP7031A	SPP74202	SPPPK-AB43-AL-KIT	SPP74342	SPPCP19237
SPP74021	SPP12-3858	SPP74117	SPP7032A	SPP74205	SPPPK-AB18-AL-KIT	SPP74343	SPPCP19237-AL
SPP74026	SPP12-12100	SPP74118	SPP7033A	SPP74206	SPPPK-AB143-AL-KIT	SPP74344	SPPCP6599
SPP74029	SPP12-3414	SPP74119	SPP7035A	SPP74207	SPPPK-AB143-KIT	SPP74346	SPPCP9641-INP
SPP74033	SPP12-11234	SPP74120	SPP7036A	SPP74208	SPPPK-AB23H-KIT	SPP74347	SPPCP6595-SS
SPP74034	SPP12-112100	SPP74121	SPP7043A	SPP74209	SPPPK-AB2-AL-KIT	SPP74349	SPPCP6597-INP
SPP74038	SPP12-112114	SPP74122	SPP7044A	SPP74213	SPPPK-AB145H-KIT	SPP74350	SPPCP6591-SS
SPP74039	SPPHB025/038-90	SPP74123	SPP7045A	SPP74214	SPP22665-24-PP	SPP74351	SPPCP6589-IZP
SPP74040	SPP17-3412	SPP74124	SPP7046A	SPP74215	SPPCP22673-PP	SPP74352	SPPCP6594-SS
SPP74041	SPP17-1234	SPP74125	SPP7047A	SPP74216	SPPPK-AB22670-PP-KIT	SPP74353	SPPCP6588-IZP
SPP74042	SPP17-5834	SPP74126	SPP7049A	SPP74217	SPP4727	SPP74354	SPPCP6592-302SS
SPP74043	SPPHBT150-100	SPP74127	SPP7050A	SPP74218	SPP4754	SPP74355	SPPCP6593-2-SS
SPP74044	SPPHBT150-150	SPP74128	SPP303C	SPP74219	SPP74219	SPP74356	SPPCP14477-1-AL
SPP74045	SPP18-34114	SPP74129	SPP7057A	SPP74224	SPP74224	SPP74357	SPPCP7623-IZP
SPP74046	SPP14-14B	SPP74130	SPP7058A	SPP74225	SPP85.490.000	SPP74358	SPPCP6509-INP
SPP74047	SPP14-38B	SPP74131	SPP7059A	SPP74226	SPP74226	SPP74359	SPPCP6510-INP
SPP74049	SPP14-1814	SPP74132	SPP7060A	SPP74227	SPP74227	SPP74361	SPPCP13798-INP
SPP74050	SPP14-1234	SPP74133	SPP7061A	SPP74228	SPP85.660.008	SPP74362	SPP74362
SPP74051	SPP74051	SPP74134	SPP7063A	SPP74242	SPP74242	SPP74363	SPPCP10576-416SS
SPP74056	SPP16-5814	SPP74135	SPP7064A	SPP74243	SPP85.210.248	SPP74364	SPPCP6618-AL
SPP74057	SPP16-5838	SPP74136	SPP7071A	SPP74246	SPP85.210.180	SPP74365	SPPCP6898-GH-AL
SPP74058	SPP16-3438	SPP74137	SPP7072A	SPP74247	SPP85.211.005	SPP74366	SPPAY-HSS60
SPP74059	SPP16-5812	SPP74138	SPP7073A	SPP74248	SPP85.300.090	SPP74367	SPPCP5882-NP
SPP74060	SPPHBT075-100	SPP74139	SPP7074A	SPP74255	SPP85.300.111	SPP74368	SPPCP5883-AL
SPP74061	SPP20-38	SPP74140	SPP7075A	SPP74280	SPPCP4916-18	SPP74369	SPPCP5811-AL
SPP74062	SPP74062	SPP74141	SPP7077A	SPP74282	SPPQCK-SS30	SPP74370	SPPCP5884-INP
SPP74063	SPP5006155	SPP74142	SPP7078A	SPP74284	SPPAA110-3/8-300	SPP74371	SPPCP5994-NY
SPP74064	SPP74064	SPP74143	SPP7099A	SPP74285	SPPAA110-1	SPP74372	SPPCP5813-AL
SPP74065	SPP40-34100	SPP74144	SPP7100A	SPP74286	SPPAA110-1-1/4	SPP74373	SPPCP5804-AL
SPP74067	SPP40-12B	SPP74145	SPP7101A	SPP74287	SPPAA110-1-1/2	SPP74374	SPPCP6106-AL
SPP74068	SPP40-58B	SPP74146	SPP7102A	SPP74288	SPP23120-3/4-PP	SPP74375	SPPAY-HSS30
SPP74069	SPP40-34B	SPP74147	SPP7103A	SPP74289	SPP23120A-1/2-PP	SPP74376	SPPCP5735-SS

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP74377	SPPCP5801-AL	SPP74546	SPPCP4916-73	SPP74901	SPP74901	SPP75140	SPP90.300.130
SPP74378	SPPCP5814-SS	SPP74548	SPPCP4916-78	SPP74902	SPP40155-22	SPP75148	SPPQCK-SS210
SPP74379	SPPCP5796-AL	SPP74554	SPPCP4916-93	SPP74903	SPP74903	SPP75156	SPP1/4KLC-5
SPP74380	SPPCP5795-AL	SPP74558	SPPCP4916-110	SPP74904	SPP74904	SPP75158	SPP1/4KLC-18
SPP74381	SPPCP5792-GH-AL	SPP74560	SPPCP4916-115	SPP74905	SPP74905	SPP75162	SPP1/4KLC-SS5
SPP74382	SPPCP6157-ALA	SPP74583	SPP85.400.008	SPP74906	SPP74906	SPP75163	SPP1/4KLC-SS9
SPP74383	SPPCP5794-AL	SPP74586	SPP74586	SPP74907	SPP74907	SPP75164	SPP1/4KLC-SS18
SPP74384	SPPCP5815-IZP	SPP74587	SPP85.401.020	SPP74908	SPP74908	SPP75169	SPPPC20016-NY
SPP74388	SPPCP7484-SS	SPP74590	SPPSG-3200-KIT	SPP74909	SPP74909	SPP75170	SPPLSQ200-RV
SPP74393	SPP11990-10	SPP74591	SPP85.300.152	SPP74917	SPP94-122-00	SPP75171	SPPUV15163V
SPP74396	SPPCP7902-AL	SPP74594	SPP45815	SPP74918	SPP94-120-00	SPP75172	SPPLST150-GV
SPP74398	SPPAY-HSS45	SPP74595	SPPTF300G	SPP74939	SPPBAC-75-HYD-	SPP75173	SPPS200-B
SPP74399	SPPCP5796	SPP74596	SPPBF075BD		304-12SAE	SPP75174	SPPLS150-B
SPP74402	SPP3056-1/4	SPP74598	SPPBF125BD	SPP74940	SPP0401-9200P2	SPP75176	SPPLS100-B
SPP74405	SPP11740B	SPP74623	SPPBF220BD	SPP74948	SPPM220100CPG	SPP75181	SPPTDCXL11001
SPP74406	SPP4688	SPP74632	SPPBF100	SPP74949	SPP40155-17	SPP75182	SPPTDCXL110015
SPP74407	SPP6466	SPP74638	SPPBF220	SPP74955	SPPLS200-12	SPP75183	SPPTDCXL11002
SPP74408	SPP6104	SPP74639	SPPBF300	SPP74956	SPPLS200-30	SPP75185	SPPTDCXL11003
SPP74409	SPP6590	SPP74682	SPP5180	SPP74957	SPPLS200-120	SPP75186	SPPTDCXL11004
SPP74410	SPPAA36-1/4	SPP74699	SPP5986	SPP74960	SPP14-12SP	SPP75189	SPPTDCXL11008
SPP74411	SPP13212-3/8	SPP74709	SPPVC300	SPP74961	SPP14-34SP	SPP75199	SPP93.000.002
SPP74412	SPP4673-8	SPP74710	SPPST200	SPP74964	SPP14-112SP	SPP75209	SPP75209
SPP74413	SPP4673-18	SPP74711	SPPST300	SPP74965	SPP14-200SP	SPP75209-5	SPP75209-5
SPP74414	SPP4673-24	SPP74726	SPP23240-3-HSS-5.7316SS	SPP74966	SPP14-300SP	SPP75219	SPP75219
SPP74415	SPP4673-30	SPP74728	SPPVSM-1/2-28	SPP74967	SPP14-400SP	SPP75222	SPP75222
SPP74416	SPP4673-36	SPP74729	SPPVSM-1/2-44	SPP74968	SPPPK-AB144A-1-VI-KIT	SPP75224	SPP85.400.327
SPP74417	SPP4673-48	SPP74733	SPPY33180-PP	SPP74972	SPPLS300-GV1	SPP75225	SPP85.238.251
SPP74418	SPP6671-8	SPP74746	SPPQC02	SPP74974	SPP52706	SPP75227	SPP85.238.155
SPP74419	SPP6671-18	SPP74747	SPPAM11001	SPP74975	SPPRK-FMCS-150	SPP75235	SPP85.300.024G
SPP74420	SPP6671-24	SPP74748	SPPAM110015	SPP74977	SPP74977	SPP75237	SPP85.300.059
SPP74421	SPP6671-30	SPP74749	SPPAM11002	SPP74981	SPPPK-AB144A-1-3-KIT	SPP75239	SPP95.000.004
SPP74422	SPP6671-36	SPP74750	SPPAM110025	SPP74996	SPPY8253049	SPP75244	SPPC11322-IZP
SPP74423	SPP6671-48	SPP74751	SPPAM11003	SPP74997	SPPAB145H-VI-KIT	SPP75254	SPP12716
SPP74424	SPP9527-8	SPP74752	SPPAM11004	SPP75000	SPPG-09-60	SPP75256	SPP050C
SPP74425	SPP9527-18	SPP74753	SPPAM11005	SPP75001	SPPG-09-100	SPP75257	SPP050D
SPP74426	SPP9527-24	SPP74755	SPP74755	SPP75002	SPPG-09-200	SPP75258	SPP050E
SPP74427	SPP9527-36	SPP74756	SPP74756	SPP75003	SPPG-09-400	SPP75259	SPP050F
SPP74428	SPP9527-48	SPP74757	SPP74757	SPP75004	SPPG-09-600	SPP75261	SPP75261
SPP74429	SPPCP6492	SPP74762	SPPAM11006	SPP75005	SPPG-09-1000	SPP75262	SPP75262
SPP74432	SPPCP6618	SPP74763	SPP43041	SPP75008	SPPG-11-60	SPP75266	SPP75266
SPP74436	SPPCP14806-SS	SPP74766	SPP41100-02	SPP75009	SPPG-11-100	SPP75267	SPP75267
SPP74437	SPPAY-HSS180	SPP74767	SPP41100-03	SPP75010	SPPG-11-200	SPP75268	SPP75268
SPP74438	SPPCP4916-32	SPP74768	SPP9910-550085	SPP75011	SPPG-11-300	SPP75269	SPP75269
SPP74449	SPP30-DC-03	SPP74779	SPP6815-3/4-50	SPP75014	SPPG-29-100	SPP75270	SPP75270
SPP74454	SPPCP4916-48	SPP74783	SPPQJ90-2-NYR	SPP75017	SPPG-30-60	SPP75287	SPP90.304.215
SPP74455	SPPCP4916-55	SPP74785	SPP40155-21	SPP75018	SPPG-30-150	SPP75334	SPP75334
SPP74457	SPPAA36-3/8	SPP74803	SPP41533-00	SPP75019	SPPG-28-400	SPP75336	SPP75336
SPP74458	SPPCP4916-37	SPP74804	SPP41534-00	SPP75021	SPPG-27-100	SPP75337	SPP75337
SPP74459	SPPCP22653-1/4-PP	SPP74805	SPP41535-00	SPP75022	SPPG-27-400	SPP75339	SPP75339
SPP74483	SPPCP4916-80	SPP74814	SPPCP7698-SS	SPP75023	SPPG-27-600	SPP75340	SPP75340
SPP74493	SPPCP4916-43	SPP74818	SPP68.1802.16	SPP75024	SPPG-27-1000	SPP75342	SPPHB200SS
SPP74506	SPP23120-1/2-PP	SPP74824	SPP41110-01	SPP75025	SPPG-27-1500	SPP75343	SPPHB300SS
SPP74511	SPPCP4916-16	SPP74826	SPP20301-2N	SPP75026	SPPG-27-2000	SPP75347	SPPHB075-050SS
SPP74512	SPPCP4916-20	SPP74828	SPP41503-00	SPP75027	SPPG-27-5000	SPP75350	SPP75350
SPP74513	SPPCP4916-22	SPP74829	SPP41504-00	SPP75030	SPP41152-00	SPP75351	SPP75351
SPP74519	SPPCP4916-29	SPP74830	SPP41505-00	SPP75036	SPPG-10-300	SPP75353	SPP75353
SPP74520	SPPCP22676-NEO	SPP74832	SPP41513-00	SPP75038	SPP75038	SPP75354	SPP75354
SPP74521	SPPCP22659-PP	SPP74833	SPP41514-00	SPP75039	SPP85.210.011	SPP75356	SPP11-3458
SPP74522	SPPCP22661-VI	SPP74834	SPP41515-00	SPP75040	SPPB301AB	SPP75359P	SPP12-100114
SPP74523	SPPCP4916-30	SPP74836	SPP41523-00	SPP75055	SPP75055	SPP75362	SPP14-316
SPP74526	SPPCP4916-35	SPP74837	SPP41524-00	SPP75064	SPPTF125AV	SPP75364P	SPP20-316P
SPP74527	SPPCP4916-39	SPP74838	SPP41525-00	SPP75065	SPPTF150AV	SPP75365P	SPP20-14P
SPP74528	SPPCP4916-40	SPP74839	SPP41133-01	SPP75066	SPPTF200AV	SPP75366P	SPP20-516P
SPP74529	SPPCP4916-41	SPP74840	SPP94-536-00	SPP75067	SPPTF075SS	SPP75367P	SPP20-12P
SPP74530	SPPCP4916-45	SPP74841	SPP94-537-00	SPP75068	SPPTF100SS	SPP75369	SPP75369
SPP74533	SPPCP4916-49	SPP74842	SPP94-538-00	SPP75086	SPP3410028900	SPP75383	SPP627320N
SPP74534	SPPCP4916-51	SPP74843	SPP94-539-00	SPP75088	SPP3009001300	SPP75399	SPPHBL150/100-90
SPP74535	SPPCP4916-52	SPP74851	SPP8025-733-256	SPP75092	SPP5019.0041.00	SPP75400	SPP75400
SPP74537	SPPCP4916-57	SPP74852	SPP94-391-06	SPP75100	SPP5025001400	SPP75419	SPP40470-00
SPP74538	SPPCP4916-59	SPP74856	SPP0403-9200P1	SPP75102	SPP5019007900	SPP75420	SPP40471-00
SPP74539	SPPCP4916-61	SPP74859	SPPCP14819-SS	SPP75122	SPPBFC300SS	SPP75422	SPP40473-00
SPP74542	SPPCP4916-67	SPP74864	SPP402990-3	SPP75138	SPP75138	SPP75426	SPP40451-00
SPP74544	SPPCP4916-70	SPP74884	SPPCP21672-1-PPB	SPP75139	SPP75139	SPP75427	SPP40453-00

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP75428	SPP40454-00	SPP75593	SPP85.402.000	SPP75789	SPPFN-200	SPP76055	SPPUV07256
SPP75429	SPP40460-00	SPP75594	SPP85.226.060	SPP75790	SPPFN-100	SPP76056	SPPUV10256
SPP75430	SPP40462-00	SPP75595	SPP85.226.045	SPP75791	SPPFN-075	SPP76057	SPPUV15267
SPP75431	SPP40461-00	SPP75596	SPP85.300.119	SPP75792	SPP75792	SPP76058	SPPUV15257
SPP75432	SPP40463-00	SPP75597	SPP85.300.023	SPP75793	SPP75793	SPP76059	SPPUV20257
SPP75433	SPP40464-00	SPP75600	SPP3371	SPP75794	SPP75794	SPP76060	SPPVA150
SPP75437	SPP40152-00	SPP75601	SPP75601	SPP75795	SPP75795	SPP76061	SPPVA200
SPP75438	SPP40153-00	SPP75602	SPP27500E-3/4-18-TEF	SPP75796	SPP75796	SPP76062	SPPUV07258
SPP75440	SPP40180-05	SPP75607	SPPLSQ150-50	SPP75797	SPP75797	SPP76063	SPPV050
SPP75452	SPP7002P	SPP75612	SPP36743	SPP75798	SPP75798	SPP76064	SPPV075
SPP75453	SPP7003P	SPP75616	SPPY9270-PP	SPP75800	SPP75800	SPP76065	SPPV-100
SPP75455	SPP7004P	SPP75624	SPPLSQ200-20	SPP75801	SPP75801	SPP76066	SPPV100FP
SPP75456	SPP7006P	SPP75628	SPPLSQ200-50	SPP75802	SPP75802	SPP76067	SPPV125
SPP75457	SPP7008P	SPP75629	SPPLSQ200-80	SPP75803	SPP75803	SPP76068	SPPV125FP
SPP75458	SPP7009P	SPP75633	SPPLSQ200-G	SPP75804	SPP75804	SPP76069	SPPV150
SPP75459	SPP7016P	SPP75637	SPPLSQ200-C	SPP75805	SPP75805	SPP76070	SPPV200
SPP75460	SPP7017P	SPP75640	SPP43388	SPP75806	SPP75806	SPP76071	SPPV200FP
SPP75462	SPP7019P	SPP75641	SPP43393	SPP75807	SPP75807	SPP76072	SPPV300
SPP75463	SPP7020P	SPP75642	SPP43395	SPP75808	SPP75808	SPP76073	SPPV300FP
SPP75464	SPP7022P	SPP75643	SPP43397	SPP75809	SPP75809	SPP76074	SPPVL20153
SPP75465	SPP7023P	SPP75644	SPP43391	SPP75810	SPP75810	SPP76075	SPPVL25153
SPP75466	SPP7029P	SPP75645	SPP43386	SPP75811	SPP75811	SPP76076	SPPV20153
SPP75467	SPP7030P	SPP75647	SPPLSM300-08	SPP75812	SPP75812	SPP76079	SPPUV07153
SPP75469	SPP7032P	SPP75648	SPPLSM300-12	SPP75813	SPP75813	SPP76080	SPPUV10153
SPP75470	SPP7033P	SPP75653	SPPLS308	SPP75814	SPP75814	SPP76081	SPPUV15153
SPP75471	SPP7035P	SPP75654	SPPLS312	SPP75815	SPP75815	SPP76082	SPPUV20153
SPP75472	SPP7036P	SPP75657	SPPQJ363F-1000-1-NYB	SPP75816	SPP75816	SPP76083	SPPV10153A
SPP75473	SPP7043P	SPP75660	SPP45814	SPP75817	SPP75817	SPP76085	SPPVN100
SPP75474	SPP7044P	SPP75661	SPP45816	SPP75818	SPP75818	SPP76088	SPPV200SL
SPP75476	SPP7046P	SPP75663	SPP45817	SPP75819	SPP75819	SPP76089	SPPDM150A
SPP75477	SPP7047P	SPP75694	SPP75694	SPP75821	SPP75821	SPP76090	SPPDM150D
SPP75478	SPP7049P	SPP75697	SPPCP25606-1-NY	SPP75827	SPP75827	SPP76091	SPPDM200A
SPP75479	SPP7050P	SPP75699	SPP18646-NYB-540	SPP75830	SPP75830	SPP76093	SPPVSF200
SPP75480	SPP7057P	SPP75706	SPP18647-NYB-540	SPP75831	SPP75831	SPP76094	SPPVSFMT200
SPP75481	SPP7058P	SPP75707	SPP18726-NYB-785	SPP75832	SPP75832	SPP76095	SPPUV15150
SPP75483	SPP7060P	SPP75708	SPPCP24232-NYB	SPP75833	SPP75833	SPP76096	SPPUV20150
SPP75484	SPP7061P	SPP75709	SPPCP24221-SSPV	SPP75834	SPP75834	SPP76097	SPPV25256
SPP75485	SPP7063P	SPP75713	SPPCP24224-CE	SPP75835	SPP75835	SPP76098	SPPEV075
SPP75486	SPP7064P	SPP75714	SPP19349-211-406-NYB	SPP75849	SPP90.304.493	SPP76099	SPPEV100FP
SPP75487	SPP7.901.103	SPP75717	SPP19350-212-406-NYB	SPP75854	SPP90.304.394	SPP76100	SPPTC162
SPP75488	SPP90.300.007	SPP75718	SPP18637-113-406-NYB	SPP75876	SPP90.304.379	SPP76101	SPPTC181
SPP75492	SPP7071P	SPP75719	SPPQJ363F-1-NYB	SPP75956	SPPNIP025-SH	SPP76102	SPPTC193
SPP75493	SPP7072P	SPP75722	SPPQJ364F-1-NYB	SPP75990	SPP75990	SPP76103	SPPTC218
SPP75495	SPP7074P	SPP75723	SPPQJ365F-1-NYB	SPP75991	SPP75991	SPP76104	SPPTC231
SPP75496	SPP7075P	SPP75725	SPPCP48221-NYB	SPP75992	SPP75992	SPP76105	SPPTC250
SPP75497	SPP7077P	SPP75726	SPPCP48222-NYB	SPP75993	SPP75993	SPP76106	SPPTC287
SPP75498	SPP7078P	SPP75727	SPPCP25595-3-NY	SPP75994	SPP75994	SPP76107	SPPTC331
SPP75499	SPP7099P	SPP75729	SPPCP25595-5-NY	SPP76000	SPP91.000.001	SPP76108	SPPTC343
SPP75500	SPP7100P	SPP75735	SPP41206-00	SPP76001	SPP91.000.003	SPP76109	SPPTC425
SPP75502	SPP7102P	SPP75737	SPP41150-00	SPP76002	SPP91.000.004	SPP76110	SPPTC438
SPP75503	SPP7103P	SPP75738	SPP41151-00	SPP76003	SPP91.000.005	SPP76111	SPPTC456
SPP75504	SPP7105P	SPP75740	SPP20518-V0	SPP76004	SPP91.000.006	SPP76112	SPPTC125
SPP75505	SPP7106P	SPP75741	SPP40433-047	SPP76005	SPP91.000.007	SPP76113	SPPEV150
SPP75506	SPP7085P	SPP75742	SPP40433-067	SPP76006	SPP91.000.008	SPP76114	SPPEV204FP
SPP75507	SPP7086P	SPP75743	SPP40420-05	SPP76007	SPP92.000.003	SPP76116	SPPVE10155SS
SPP75509	SPP7088P	SPP75744	SPP40422-05	SPP76008	SPP92.000.004	SPP76117	SPPVE10264
SPP75510	SPP7089P	SPP75745	SPP40424-05	SPP76009	SPP92.000.005	SPP76118	SPPVE20255SSH
SPP75511	SPP7091P	SPP75757	SPP4231N-B102S	SPP76010	SPP92.000.006	SPP76128	SPP76128
SPP75512	SPP7092P	SPP75761	SPP4241N-B121S	SPP76011	SPP92.000.007	SPP76129	SPP91.000.010
SPP75513	SPP075D3/8	SPP75762	SPP4241N-B121D	SPP76012	SPP92.000.008	SPP76130	SPP91.000.012
SPP75514	SPP200CAPSH	SPP75763	SPP4241N-B122S	SPP76013	SPP91.000.002	SPP76135	SPPAA343M-2-1/2-PP
SPP75519	SPP075ESS	SPP75765	SPP4241N-B123S	SPP76016	SPP92.000.010	SPP76136	SPPAA343M-3-1/2-PP
SPP75523	SPP100CAP/SS	SPP75767	SPP4240N-B121S	SPP76022	SPP76022	SPP76138	SPPAA344M-3-3/4-PP
SPP75533	SPP150CSS	SPP75770	SPP4240N-B202	SPP76023	SPPUV07150	SPP76140	SPPAA344M-3-1-PP
SPP75536	SPP150FSS	SPP75777	SPPXT010	SPP76024	SPPUV07151	SPP76142	SPPAA346M-3-1-1/4-PP
SPP75540	SPP200BSS	SPP75778	SPPXT020	SPP76026	SPPUV10151	SPP76144	SPPAA346M-3-1-1/2-PP
SPP75563	SPPVSF2112A	SPP75779	SPPXT024	SPP76027	SPPUV15151	SPP76145	SPP76145
SPP75566	SPPVSMT202MR	SPP75780	SPPXT043	SPP76028	SPPUV20151	SPP76146	SPP76146
SPP75579	SPPTA283	SPP75781	SPPXT080	SPP76042	SPPUV20254	SPP76149	SPP344BEC-34-C
SPP75580	SPP200FPT	SPP75782	SPP400059	SPP76043	SPPUV07255	SPP76150	SPP344BEC-23-C
SPP75588	SPPTL600C	SPP75783	SPP400069	SPP76047	SPPUV10255	SPP76152	SPP76152
SPP75590	SPP90.900.054	SPP75787	SPPCP24225-NYB	SPP76048	SPPUV15255	SPP76154	SPP344BEC-33-C
SPP75591	SPP38720-PPB-X8	SPP75788	SPPCP24220-NYB	SPP76051	SPPUV20255	SPP76155	SPP344BE-33-C

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP76156	SPP344BE-34-C	SPP76350	SPPCP6959-SS	SPP76484	SPPDM200ACF	SPP76579	SPPV07254
SPP76161	SPPVE3448	SPP76351	SPPCP6956-CE	SPP76485	SPPCP5896	SPP76580	SPPV20254
SPP76169	SPPMEV100CF	SPP76353	SPPCP6934-3/4-AL	SPP76486	SPPCP5898	SPP76581	SPPV25254
SPP76170	SPPMEV220CF	SPP76357	SPPPK-AB17-KIT	SPP76487	SPPCP6818-1/2	SPP76583	SPPV35254
SPP76171	SPPMEV100BLCF	SPP76359	SPPM100PLG025	SPP76488	SPPCP6818-3/4	SPP76585	SPPV10254
SPP76172	SPPMEV220BLCF	SPP76360	SPPCP36301-NY	SPP76489	SPPCP6789	SPP76588	SPPV07256
SPP76173	SPPMEV100SLCF	SPP76361	SPPCP36302-PP	SPP76490	SPPCP7059	SPP76591	SPPV20256
SPP76174	SPPMEV220SLCF	SPP76364	SPPCP36303-PP	SPP76491	SPPPK-AB6815-300-KIT	SPP76592	SPPV20257
SPP76175	SPPM100CPG	SPP76366	SPPCP6934-13/4-AL	SPP76492	SPPDM200DCF	SPP76594	SPPV30264
SPP76176	SPPM220CPG	SPP76371	SPPM200PLG018	SPP76493	SPPMV100BL	SPP76595	SPPV35264
SPP76177	SPPM100CPG90	SPP76372	SPPM200PLG025	SPP76494	SPPMV200BL	SPP76601	SPP2040
SPP76178	SPPM220CPG90	SPP76373	SPPM200PLG038	SPP76495	SPPMV220BL	SPP76602	SPP2040
SPP76179	SPPM300CPG90	SPP76374	SPPM200PLG050	SPP76496	SPP12795-1	SPP76605	SPP1212
SPP76180	SPPM200100CPG	SPP76375	SPPM200PLG075	SPP76498	SPP12795-1-1/4	SPP76610	SPP1214
SPP76181	SPPM300220CPG	SPP76376	SPPM200PLG100	SPP76502	SPPMV100SL	SPP76612	SPP1216
SPP76182	SPPM100TEE	SPP76377	SPPM100CR	SPP76503	SPPMV200SL	SPP76614	SPP1175
SPP76183	SPPM101TEE	SPP76378	SPPM220CR	SPP76504	SPPMV220SL	SPP76616	SPP1195
SPP76184	SPPM220TEE	SPP76379	SPPM300CR	SPP76505	SPPCP6818-1/2-AL	SPP76618	SPP1181
SPP76185	SPPM300TEE	SPP76380	SPPMBF220	SPP76506	SPPCP6818-3/4-AL	SPP76621	SPP1182
SPP76186	SPPM100FPT	SPP76381	SPPMBF300	SPP76507	SPPCP6789-ALEF	SPP76623	SPP1231
SPP76187	SPPM200FPT	SPP76382	SPPBF100GE	SPP76508	SPPCP7059-ALEF	SPP76630	SPP1560A
SPP76188	SPPM220A	SPP76383	SPPBF200GE	SPP76509	SPPPK-AB6815-AL-300-KIT	SPP76631	SPPPR.1541B
SPP76189	SPPM100075BRB90	SPP76384	SPPBF220GE	SPP76510	SPP2300-0020	SPP76636	SPP1509
SPP76190	SPPM100BRB90	SPP76385	SPPBF300GE	SPP76511	SPP2300-0021	SPP76638	SPP1576
SPP76191	SPPM100125BRB90	SPP76388	SPPMBF200BD	SPP76512	SPPM100G	SPP76648	SPPCPL.1987
SPP76192	SPPM200100BRB90	SPP76389	SPPMBF220BD	SPP76513	SPPUV10258	SPP76649	SPPKT.2300
SPP76193	SPPM200125BRB90	SPP76390	SPPMBF300BD	SPP76514	SPPUV20258	SPP76660	SPPSV.2100C.1V
SPP76194	SPPM220150BRB90	SPP76391	SPPFC100	SPP76515	SPP3250-0004	SPP76661	SPPSV.2203A
SPP76195	SPPM220BRB90	SPP76392	SPPFC200	SPP76519	SPPBAC-83-QC	SPP76667	SPP2204A
SPP76196	SPPM300BRB90	SPP76393	SPPFC300	SPP76521	SPP76521	SPP76671	SPP2140
SPP76197	SPPM100075BRB	SPP76394	SPPM100GV	SPP76523	SPP76523	SPP76674	SPP2092
SPP76198	SPPM100BRB	SPP76395	SPP150GV	SPP76527	SPP76527	SPP76685	SPP2239
SPP76199	SPPM100125BRB	SPP76396	SPP200GV	SPP76528	SPP76528	SPP76689	SPP1962
SPP76201	SPPM200100BRB	SPP76397	SPP300GV	SPP76529	SPP76529	SPP76690	SPP1974
SPP76202	SPPM200125BRB	SPP76398	SPPUB100	SPP76530	SPP76530	SPP76693	SPP1976
SPP76203	SPPM220150BRB	SPP76399	SPPUB202	SPP76531	SPP76531	SPP76694	SPP1977
SPP76204	SPPM220BRB	SPP76400	SPP13895-8	SPP76532	SPP76532	SPP76695	SPP1978
SPP76205	SPPM300220BRB	SPP76401	SPP13895-7	SPP76533	SPP76533	SPP76696	SPP1979
SPP76206	SPPM300BRB	SPP76402	SPPBF100GRE	SPP76539	SPPUV10163	SPP76697	SPP2613
SPP76207	SPPM100MPT	SPP76403	SPPBF200GFE	SPP76540	SPPUV15163	SPP76699	SPP2045
SPP76208	SPPM100125MPT	SPP76415	SPPMLS200-20	SPP76541	SPPUV20163	SPP76702	SPP76702
SPP76209	SPPM200125MPT	SPP76416	SPPMLS200-30	SPP76542	SPPUV07264	SPP76703	SPP76703
SPP76210	SPP48120	SPP76417	SPPMLS200-50	SPP76543	SPPUV10264	SPP76704	SPP76704
SPP76221	SPPMBF100	SPP76418	SPPMLS200-80	SPP76544	SPPUV15264	SPP76709	SPPAA144P-1
SPP76222	SPPM220MPT	SPP76419	SPPMLS200-120	SPP76545	SPPUV20264	SPP76710	SPPAA144A-1
SPP76223	SPPM300MPT	SPP76437	SPPMLST100-50	SPP76546	SPPVSM204FP	SPP76711	SPPAA144A-2
SPP76224	SPPM100MPTSS	SPP76438	SPPMLST100-80	SPP76547	SPPVSM200	SPP76712	SPPAA144A-3
SPP76235	SPP23716	SPP76439	SPPMLST100-100	SPP76548	SPPVSF204FP	SPP76715	SPPAA146-1-1/4
SPP76237	SPPM200125MPTSS	SPP76444	SPPMLST150-50	SPP76549	SPPVF22254	SPP76718	SPPPK-AB144-1-KIT
SPP76238	SPPM200150MPTSS	SPP76452	SPP35571-2	SPP76550	SPPVMT20254	SPP76722	SPPPK-AB144A-1-KIT
SPP76239	SPPM200MPTSS	SPP76454	SPPMLST150-80	SPP76551	SPPVS20152SH	SPP76723	SPPCP15161-IENP
SPP76248	SPPM220MPTSS	SPP76455	SPPMLST150-100	SPP76552	SPPV20021	SPP76724	SPPCP15163-NYB
SPP76304	SPPCP36309-302SS	SPP76456	SPPMVS220FP	SPP76553	SPPV20020	SPP76725	SPPCP15169-SS
SPP76308	SPPAA6B	SPP76457	SPPMVSF220FP	SPP76554	SPPVS20256	SPP76726	SPPCP15164-NYB
SPP76309	SPPM300MPTSS	SPP76460	SPP8460-1/2	SPP76555	SPPVSM20256	SPP76727	SPPCP15170-IENP
SPP76319	SPPV25353B	SPP76461	SPP8460-3/4	SPP76559	SPPVS20151	SPP76728	SPPCP14813-1-IENP
SPP76326	SPPCP8427-304SS	SPP76462	SPPMV100CF	SPP76561	SPPVS204FP	SPP76729	SPPCP14807-SS
SPP76329	SPPPK-AB31-KIT	SPP76463	SPPMV200CF	SPP76562	SPPVSFMT204FP	SPP76730	SPPCP14811-SS
SPP76334	SPPAA17L	SPP76464	SPPMV220CF	SPP76563	SPPV400	SPP76731	SPPCP14812-SS
SPP76335	SPPAA17Y	SPP76465	SPPCP8367-AL	SPP76564	SPPV25271	SPP76732	SPPCP15162-SS
SPP76336	SPPPK-AB6B-KIT	SPP76466	SPPCP8371-AL	SPP76565	SPPV25270	SPP76733	SPPCP15165-NYB
SPP76337	SPPM100PLG	SPP76467	SPPCP8368-SS	SPP76566	SPPVFT25254	SPP76751	SPP3430-0153
SPP76339	SPPM300PLG	SPP76468	SPPCP8362-AL	SPP76567	SPPVF25254	SPP76758	SPPCP18603-1-I
SPP76340	SPPCP6849-1-IZP	SPP76470	SPPCP5898-AL	SPP76568	SPPV20060	SPP76759	SPPCP18618-IENP
SPP76341	SPPCP12128-IZP	SPP76471	SPPCP5896-ALSS	SPP76569	SPPVS25153	SPP76761	SPPCP18605-NYB
SPP76342	SPPCP12129-CE	SPP76472	SPPCP8365-304SS	SPP76570	SPPV25258A	SPP76764	SPPCP18621-EPR
SPP76343	SPPCP6972-SS	SPP76474	SPPCP8389-304SS	SPP76571	SPPV25060	SPP76766	SPPCP18611-EPR
SPP76344	SPPCP12126-AL	SPP76475	SPPCP8361-1/2-NYB	SPP76572	SPPV25214A	SPP76767	SPPCP18612-SS
SPP76345	SPPCP12130-SS	SPP76477	SPPCP9017-IZP	SPP76574	SPPVSM25356	SPP76768	SPPCP18613-SS
SPP76346	SPPCP7254-SS	SPP76478	SPPPK-AB8460-KIT	SPP76575	SPPV07151A	SPP76770	SPPCP18601-1-NYB
SPP76347	SPPCP7987-SS	SPP76479	SPPMV300CF	SPP76576	SPPV10151A	SPP76771	SPPCP18609-SS
SPP76348	SPPCP6971-AL	SPP76480	SPPAA110-1/4-300	SPP76577	SPPV20151M	SPP76773	SPPCP18617-SS
SPP76349	SPPCP6973-SS	SPP76482	SPP6815-3/4-300	SPP76578	SPPV25151A	SPP76775	SPPCP18622-EPR

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP76777	SPPAA144F-1-3	SPP77100	SPPV10355B	SPP77288	SPPLS050-40	SPP77400	SPP77400
SPP76778	SPPAA145H-1	SPP77107	SPPV25356	SPP77289	SPPLS050-80	SPP77410	SPPCP16903-3-SSPP
SPP76782	SPP40155-12	SPP77109	SPPV20258	SPP77296	SPPLS075-20	SPP77411	SPPCP16903-4-SSPP
SPP76790	SPP41261-00	SPP77110	SPPV25258	SPP77298	SPPLS075-80	SPP77412	SPPCP16903-5-SSPP
SPP76791	SPP3430-0500	SPP77112	SPPV20159	SPP77301	SPPLS100-40	SPP77413	SPPCP15941-2-SSPP
SPP76797	SPPCP25831-302SS	SPP77116	SPPV10264	SPP77302	SPPLS100-80	SPP77414	SPPCP15941-3-SSPP
SPP76799	SPPCP18620-304SS	SPP77117	SPPV20264	SPP77304	SPPLS125-40	SPP77415	SPPCP15941-4-SSPP
SPP76801	SPP3390-0062D	SPP77124	SPPMEV103CF	SPP77305	SPPLS200-50	SPP77416	SPPCP15941-5-SSPP
SPP76810	SPP5181	SPP77147	SPP40280-005	SPP77306	SPPLS200-80	SPP77417	SPPCP15941-6-SSPP
SPP76824	SPP76824	SPP77148	SPPDR80-0067	SPP77307	SPPLS125-80	SPP77418	SPPCP16903-6-SSPP
SPP76826	SPP76826	SPP77152	SPP40285-007	SPP77308	SPPLS150-20	SPP77420	SPP3800-0029
SPP76827	SPP76827	SPP77157	SPPER80-005	SPP77309	SPPLS150-50	SPP77421	SPP3800-0025
SPP76829	SPP76829	SPP77158	SPPER80-125	SPP77310	SPPLS150-80	SPP77422	SPP3800-0026
SPP76830	SPP76830	SPP77159	SPPER80-25	SPP77311	SPPLS200-20	SPP77423	SPP3800-0040
SPP76831	SPP76831	SPP77165	SPP4629-3/4-TOC40	SPP77312	SPPLS075-G	SPP77424	SPP3800-0041
SPP76837	SPP76837	SPP77168	SPP4629-3/4-TOC300	SPP77313	SPPLS100-G	SPP77425	SPP3800-0042
SPP76839	SPP76839	SPP77179	SPP77179	SPP77314	SPPLS150-G	SPP77426	SPP3800-0043
SPP76841	SPP76841	SPP77180	SPP77180	SPP77315	SPPLS075-C1	SPP77427	SPP3800-0044
SPP76842	SPP76842	SPP77183	SPP77183	SPP77316	SPPLS100-C1	SPP77428	SPP3800-0045
SPP76844	SPP50533-25C03	SPP77184	SPP77184	SPP77317	SPPLS150-C	SPP77429	SPP3800-0065
SPP76848	SPP85.300.104S	SPP77185	SPP77185	SPP77318	SPPLS720	SPP77430	SPP3800-0066
SPP76851	SPP85.300.103S	SPP77186	SPP77186	SPP77319	SPPLS740	SPP77431	SPP3800-0067
SPP76852	SPP85.300.151S	SPP77190	SPP40248-00	SPP77320	SPP3350-0085	SPP77433	SPP3800-0032
SPP76853	SPP76853	SPP77192	SPPLST075-100	SPP77323	SPP3800-0046	SPP77434	SPP3800-0033
SPP76859	SPP85.300.153S	SPP77193	SPPLST100-16	SPP77324	SPP3800-0047	SPP77437	SPP46541
SPP76860	SPPSV.2201A	SPP77194	SPPLST100-100	SPP77327	SPP3350-0075	SPP77439	SPPAB344AE-KIT
SPP76861	SPPSV.2202A	SPP77196	SPPLST125-100	SPP77328	SPPLS780	SPP77443	SPP31500-8
SPP76862	SPP2171	SPP77198	SPP77198	SPP77329	SPPLS120	SPP77448	SPPCP7717-2/213-VI
SPP76866	SPP1625	SPP77199	SPP77199	SPP77330	SPPLS140	SPP77451	SPPCP20104-1-NYB
SPP76867	SPP2152	SPP77201	SPP77201	SPP77331	SPPLS180	SPP77453	SPPCP20106-1-PP
SPP76877	SPPCL.2515A	SPP77202	SPP77202	SPP77332	SPPLS220	SPP77465	SPP77465
SPP76880	SPP2504B	SPP77205	SPP77205	SPP77333	SPP12724	SPP77475	SPPCP20564-VI
SPP76887	SPPNB.2601A.WP	SPP77210	SPPAA126ML-3-30	SPP77334	SPPLSQ200-PL	SPP77476	SPPCP20103-TEF
SPP76889	SPP2602A	SPP77211	SPPAA126ML-3-50	SPP77335	SPPLSQ200-R	SPP77480	SPPLS250
SPP76892	SPPNB.2603A.WP	SPP77214	SPPAA126ML-5-30	SPP77338	SPPLS300-G1	SPP77481	SPPLS280
SPP76897	SPP2351	SPP77215	SPPAA126ML-5-50	SPP77339	SPPLS300EC	SPP77489	SPPMLS222-80
SPP76898	SPP2255	SPP77216	SPPAA126ML-6-30	SPP77340	SPPAA122-1/2-PP-16	SPP77491	SPP91.300.001
SPP76903	SPP2488	SPP77217	SPPAA126ML-6-50	SPP77341	SPPAA122-1/2-PP-30	SPP77492	SPP91.300.002
SPP76904	SPP2109	SPP77218	SPPAA126ML-3-200	SPP77342	SPPAA122-1/2-PP-50	SPP77493	SPP91.300.003
SPP76908	SPPKT.2517	SPP77219	SPPCP16903-7-SSPP	SPP77343	SPPAA122-1/2-PP-80	SPP77494	SPP91.300.004
SPP76909	SPP2518	SPP77222	SPPAA126ML-3-80	SPP77344	SPPAA122-1/2-PP-100	SPP77495	SPPBVC52103-H
SPP76910	SPPSV.2500B.1	SPP77223	SPPAA126ML-4-30	SPP77345	SPPAA122-1/2-PP-200	SPP77496	SPP91.300.006
SPP76922	SPPSV.2501B	SPP77224	SPPAA126ML-4-50	SPP77348	SPPAA122-3/4-PP-50	SPP77499	SPPLST150-100
SPP76927	SPPMV.2404.3	SPP77225	SPPAA126ML-4-80	SPP77349	SPPAA122-3/4-PP-80	SPP77500	SPP6815-3/4-700
SPP76934	SPP2432	SPP77227	SPPCP23172-PP	SPP77350	SPPAA122-3/4-PP-100	SPP77505	SPP77505
SPP76962	SPP2401	SPP77228	SPPCP23173-EPR	SPP77351	SPPAA122-3/4-PP-200	SPP77506	SPP77506
SPP77000	SPPLSTM075-80	SPP77229	SPPCP23173-VI	SPP77352	SPPCP23174-1-304SS	SPP77507	SPP91.200.001
SPP77007	SPP2490	SPP77235	SPPAA122ML-3/4-PP-50	SPP77353	SPPCP23174-2-304SS	SPP77508	SPP91.200.002
SPP77016	SPP14095-1	SPP77237	SPPCP23171-3/4-PP	SPP77354	SPPCP45102-3-SSPP	SPP77509	SPP91.200.003
SPP77020	SPP08ART17B	SPP77239	SPP77239	SPP77355	SPPCP45102-4-SSPP	SPP77510	SPP91.200.004
SPP77055	SPPV10200	SPP77240	SPP3350-0034A	SPP77356	SPPCP45102-5-SSPP	SPP77511	SPP91.200.005
SPP77057	SPPV25200	SPP77241	SPP3350-0035A	SPP77358	SPPLS320	SPP77512	SPP91.200.006
SPP77058	SPPV30200	SPP77242	SPP3350-0058A	SPP77359	SPPLS350	SPP77513	SPP91.200.007
SPP77059	SPPV35200	SPP77243	SPP3350-0059A	SPP77362	SPPLS300ECG	SPP77518	SPPBV2101-D
SPP77061	SPPV204FP	SPP77244	SPP3350-0072A	SPP77363	SPPLS300R2	SPP77521	SPPG-10-100
SPP77062	SPPVFM200FP	SPP77245	SPP3350-0073A	SPP77364	SPPLST075-30	SPP77522	SPPG-10-200
SPP77063	SPPVFM200FPSH	SPP77246	SPP3350-0113A	SPP77365	SPPLST075-50	SPP77525	SPP77525
SPP77064	SPPVFM204FP	SPP77247	SPP3350-0114A	SPP77366	SPPLST100-30	SPP77526	SPP77526
SPP77068	SPPAF200GV	SPP77248	SPP3350-0082	SPP77367	SPPLST100-80	SPP77530	SPP77530
SPP77069	SPPV075BL	SPP77249	SPP3350-0079	SPP77368	SPPLST125-30	SPP77536	SPPG-27-200
SPP77070	SPPV100BL	SPP77251	SPP3350-0072	SPP77369	SPPLST125-50	SPP77537	SPPG-27-300
SPP77071	SPPV125BL	SPP77252	SPP3350-0073	SPP77370	SPPLST125-80	SPP77548	SPP77548
SPP77072	SPPV150BL	SPP77255	SPP3350-0059	SPP77371	SPPLST-150-30	SPP77550	SPPG-30-4-60
SPP77073	SPPV200BL	SPP77256	SPP3350-0034	SPP77372	SPPLST130	SPP77551	SPPG-30-4-150
SPP77074	SPPV075SL	SPP77259	SPP3350-0043	SPP77373	SPPLST150	SPP77553	SPPG-27-60
SPP77075	SPPV100SL	SPP77268	SPP77268	SPP77374	SPPLST100-G	SPP77554	SPPG-28-150
SPP77076	SPPV125SL	SPP77269	SPP77269	SPP77375	SPPLST1100	SPP77555	SPPG-25-4-60
SPP77077	SPPV150SL	SPP77276	SPP77276	SPP77376	SPPLST100-H	SPP77556	SPPG-25-4-160
SPP77080	SPPDM200CAP	SPP77277	SPP77277	SPP77377	SPPLST075-H	SPP77558	SPP77558
SPP77081	SPPDM200PL	SPP77278	SPP77278	SPP77378	SPPLST1530	SPP77559	SPP77559
SPP77089	SPPV25153SH	SPP77283	SPP77283	SPP77380	SPPLST15100	SPP77560	SPP77560
SPP77092	SPPV10354B	SPP77284	SPP77284	SPP77381	SPPLST125-H	SPP77561	SPP77561
SPP77099	SPPV25354S	SPP77287	SPP77287	SPP77382	SPPLST150-H	SPP77562	SPP77562

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP77563	SPP77563	SPP77762	SPPM200150BRB90	SPP77971	SPP50.002.018	SPP78377	SPPG-27-3000
SPP77564	SPP77564	SPP77763	SPPM200BRB90	SPP77972	SPP50.003.011	SPP78379	SPP8079-PP-80
SPP77565	SPP77565	SPP77764	SPPM300220BRB90	SPP77974	SPP50.003.012	SPP78381	SPP85.400.061
SPP77568	SPP77568	SPP77765	SPPM200PLG	SPP77975	SPP50.002.020	SPP78382	SPP9910-961800
SPP77574	SPPCP38028-PP	SPP77766	SPPM220PLG075	SPP77977	SPP50.002.002	SPP78383	SPP9910-620950
SPP77593	SPPCP20125-TEF	SPP77767	SPPM300PLG075	SPP77980	SPP50.003.002	SPP78385	SPP9910-620085
SPP77597	SPPCP7717-M12X2.5-VI	SPP77769	SPPM200100TEE	SPP77983	SPP50.002.008	SPP78386	SPP9910-540361
SPP77598	SPPCP20101-NYB	SPP77770	SPPM200TEE	SPP77984	SPP50.002.006	SPP78388	SPPCP24227-NYB
SPP77601	SPP77601	SPP77771	SPPM220100TEE	SPP77985	SPP50.002.011	SPP78391	SPPCP7717-2/109-EPR
SPP77605	SPP3351-0038	SPP77773	SPPM200BRB	SPP77987	SPP24217-1-CE	SPP78392	SPPBAC-75-300-TLS
SPP77606	SPP3351-0039	SPP77774	SPPM200CR	SPP77988	SPP40249-00	SPP78393	SPPBAC-75-200-TLS
SPP77607	SPP3351-0040	SPP77778	SPPM100CPG45	SPP77989	SPP403000.050	SPP78396	SPPCP20266-EPDM
SPP77608	SPP3351-0043	SPP77779	SPPM200CPG45	SPP77990	SPP18725-NYB-785	SPP78397	SPP8079-PP-200
SPP77609	SPP3351-0041	SPP77780	SPPM220CPG45	SPP77992	SPP40432-047	SPP78398	SPP162.604.2A
SPP77610	SPPCP15402-3/4-AL	SPP77781	SPPM300CPG45	SPP77993	SPP40432-086	SPP78399	SPP162.604.3A
SPP77611	SPPCP15402-1-AL	SPP77782	SPPLST116	SPP77997	SPP40426-05	SPP78401	SPP0400-9000P
SPP77612	SPPCP15403-NY	SPP77783	SPPLST1516	SPP77998	SPP20456-00	SPP78403	SPP6815-1/2-700
SPP77613	SPPCP12288-NY	SPP77784	SPPLS206	SPP77999	SPPEV204BLFP	SPP78415	SPP43050
SPP77614	SPPCP7717-2/226VI	SPP77785	SPPLS212	SPP78038	SPP85.238.176	SPP78417	SPP43090
SPP77615	SPPCP12291-VI	SPP77786	SPPLS230	SPP78039	SPP85.238.111	SPP78418	SPP2803043500
SPP77616	SPPCP12291-BU	SPP77787	SPPLS2120	SPP78057	SPP85.400.003	SPP78427	SPP3200007100
SPP77617	SPPCP7717-2/226-BU	SPP77788	SPPMLS200BC	SPP78076	SPP78076	SPP78431	SPPMR80-005
SPP77618	SPPCP12287-1/1/4-AL	SPP77791	SPPMLS220G	SPP78078	SPP78078	SPP78432	SPPMR80-0067
SPP77621	SPP1700-0057	SPP77798	SPPLST230SS	SPP78079	SPP78079	SPP78435	SPPMR80-02
SPP77622	SPP1700-0058	SPP77799	SPPLST250SS	SPP78080	SPP78080	SPP78436	SPPMR80-025
SPP77624	SPP1700-0045	SPP77800	SPP3900-0009	SPP78081	SPP78081	SPP78437	SPPMR80-03
SPP77625	SPP1700-0091	SPP77802	SPP3430-0477	SPP78083	SPP85.202.109	SPP78438	SPPMR80-04
SPP77626	SPP1700-0092	SPP77803	SPP3430-0476	SPP78084	SPP85.202.109BEP	SPP78439	SPPMR80-05
SPP77627	SPP3351-0042	SPP77805	SPPLST2100SS	SPP78086	SPP85.300.003	SPP78440	SPPMR80-06
SPP77630	SPP3351-0016	SPP77806	SPP43175	SPP78087	SPPAL607	SPP78441	SPPMR80-08
SPP77632	SPP3351-0014	SPP77809	SPP3900-0048	SPP78088	SPP85.300.051	SPP78442	SPPMR80-10
SPP77633	SPP3351-0013	SPP77810	SPP43045	SPP78089	SPP78089	SPP78443	SPPMR80-125
SPP77634	SPP3351-0007	SPP77813	SPP3430-0334	SPP78090	SPP78090	SPP78444	SPPMR80-15
SPP77635	SPP3351-0006	SPP77814	SPP3900-0039	SPP78091	SPP78091	SPP78445	SPPMR80-20
SPP77636	SPP3351-0005	SPP77818	SPPM200150BRB	SPP78092	SPP78092	SPP78446	SPPMR80-25
SPP77637	SPP3351-0022	SPP77827	SPP2409007100	SPP78093	SPP78093	SPP78447	SPPMR80-30
SPP77654	SPP77654	SPP77830	SPP18724-NYB-785	SPP78094	SPP78094	SPP78448	SPPMR80-40
SPP77659	SPP77659	SPP77831	SPPTA283QD	SPP78096	SPP85.300.126	SPP78449	SPPMR80-50
SPP77674	SPP77674	SPP77842	SPPCP24226-NYB	SPP78097	SPP85.300.132	SPP78450	SPP24231A-NYB
SPP77683	SPP77683	SPP77855	SPP43205	SPP78098	SPP78098	SPP78452	SPP16-516
SPP77697	SPPMEV105CF	SPP77857	SPP43225	SPP78099	SPP78099	SPP78456	SPP9910-1800060
SPP77699	SPPMEV200CF	SPP77861	SPP43130	SPP78100	SPP78100	SPP78696	SPP78696
SPP77700	SPPMEVR100CF	SPP77873	SPP43035	SPP78105	SPP85.202.018	SPP78697	SPP78697
SPP77701	SPPMEVR220CF	SPP77880	SPP43195	SPP78106	SPP85.300.112	SPP78699	SPP78699
SPP77703	SPPVE25254	SPP77894	SPPAA144P-3	SPP78107	SPP85.300.113	SPP78700	SPP78700
SPP77715	SPP3430-0589	SPP77895	SPPAA144A-1-3	SPP78108	SPP85.300.110	SPP78709	SPP78709
SPP77724	SPP3100-0006	SPP77898	SPPEV200	SPP78109	SPP85.300.110	SPP78710	SPP78710
SPP77725	SPP3100-0005	SPP77900	SPPEVR100FP	SPP78111	SPP1/4MEG-2504	SPP78711	SPP78711
SPP77728	SPPV10270	SPP77902	SPPEVR150	SPP78113	SPP1/4MEG-2505	SPP78712	SPP78712
SPP77729	SPPV10271	SPP77903	SPPEVR200	SPP78114	SPP1/4MEG-2506	SPP78713	SPP78713
SPP77730	SPPVSFHB200	SPP77904	SPPEVR204FP	SPP78115	SPP1/4MEG-25065	SPP78714	SPP78714
SPP77732	SPPVS20258A	SPP77921	SPP50.103.022	SPP78117	SPP1/4MEG-2507	SPP78865	SPP9001-9
SPP77734	SPPV21204	SPP77923	SPP50.103.017	SPP78118	SPP1/4MEG-2508	SPP78891	SPP78891
SPP77736	SPPMVSF300	SPP77927	SPP50.103.002	SPP78119	SPP78118	SPP78899	SPP1/4WEG-2508
SPP77737	SPPVSMT300	SPP77929	SPP50.103.020	SPP78120	SPP78119	SPP78934	SPP78934
SPP77739	SPPVSF300	SPP77930	SPP50.103.016	SPP78121	SPP85.300.153	SPP79035	SPP1320-0015
SPP77740	SPPVSFMT300	SPP77931	SPP50.103.005	SPP78122	SPP78121	SPP79056A	SPP90.300.005
SPP77741	SPPMV300	SPP77932	SPP50.104.004	SPP78123	SPP78122	SPP79106	SPP79106
SPP77746	SPPM200CPG	SPP77935	SPPVE20264	SPP78124	SPP85.300.151	SPP79115	SPP79115
SPP77747	SPPM300CPG	SPP77949	SPPEV075SL	SPP78125	SPP78124	SPP79181	SPPTP73-0077
SPP77749	SPPM100075FPT	SPP77950	SPPEV100SL	SPP78126	SPP78125	SPP79184	SPPTP730231
SPP77750	SPPM220FPT	SPP77952	SPPEV150SL	SPP78128	SPP85.300.150	SPP79190	SPPTP730077-SS
SPP77751	SPPM300FPT	SPP77954	SPPEV204SLFP	SPP78130	SPP85.201.001	SPP79218	SPP79218
SPP77752	SPPM200CPG90	SPP77956	SPPEV100BL	SPP78131	SPP1/4MEG-0006	SPP79220	SPP5053-50-SS
SPP77753	SPPM200CPG90SH	SPP77961	SPP50.003.000	SPP78133	SPP1/4MEG-1506	SPP79221	SPP5053-100-SS
SPP77754	SPPM100075MPT	SPP77962	SPP50.002.010	SPP78135	SPP1/4MEG-0005	SPP79235	SPP344BE-24-C
SPP77755	SPPM200MPT	SPP77963	SPP50.003.005	SPP78157	SPP1/4MEG-0004	SPP79236	SPPCP22872-PHE
SPP77756	SPPM100A	SPP77964	SPP50.002.013	SPP78161	SPP1/4MEG-00055	SPP79259	SPP79259
SPP77757	SPPM200A	SPP77965	SPP50.002.015	SPP78205	SPP85.210.000	SPP79262	SPP11-1438
SPP77758	SPPM300A	SPP77966	SPP50.003.008	SPP78342	SPP85.660.004BF	SPP79263	SPP11-1418
SPP77759	SPPM220150MPTSS	SPP77967	SPP50.002.016	SPP78342	SPP78342	SPP79284	SPPLST075-80
SPP77760	SPPM220200CPG	SPP77968	SPP50.003.009	SPP78352	SPP78352	SPP79285	SPPLST180
SPP77761	SPPM300200CPG	SPP77969	SPP50.002.017	SPP78359	SPP78359	SPP79287	SPPPLST100-B
				SPP78375	SPPCP20116-PP	SPP79288	SPPLST150-50

CROSS REFERENCE

Old Number	New Number	Old Number	New Number	Old Number	New Number	Old Number	New Number
SPP79289	SPPLST1550	SPP79438	SPP40285-10				
SPP79290	SPPLST150-G	SPP79442	SPP21104-00				
SPP79291	SPPLST150-80	SPP79443	SPP21250-00				
SPP79292	SPPFC220	SPP79444	SPP20460-09				
SPP79293	SPPM220PLG	SPP79445	SPP20460-08				
SPP79294	SPPM200150MPT	SPP79446	SPP20460-07				
SPP79295	SPPUV10150	SPP79447	SPP20460-06				
SPP79298	SPPLST150-B	SPP79448	SPP20460-05				
SPP79300	SPP10-3414	SPP79449	SPP20460-10				
SPP79304	SPP344BEC-24-C	SPP79450	SPP41100-00				
SPP79309	SPPLST100-50	SPP79451	SPP41101-00				
SPP79333	SPPLSM300-50	SPP79452	SPP41110-00				
SPP79338	SPPLS125G	SPP79453	SPP41111-00				
SPP79339	SPPLS141G	SPP79454	SPP41120-00				
SPP79340	SPPLST034G	SPP79455	SPP20460-04				
SPP79341	SPP41121-00	SPP79456	SPP20460-V0				
SPP79342	SPP20455-00	SPP79457	SPP20460-15				
SPP79343	SPP41300-00	SPP79458	SPP40225-05				
SPP79344	SPP41301-00	SPP79459	SPP20501-V0				
SPP79346	SPP41130-00	SPP79460	SPPDR80-01				
SPP79347	SPP41131-00	SPP79461	SPPDR80-015				
SPP79348	SPP41133-00	SPP79462	SPPDR80-02				
SPP79349	SPP41134-00	SPP79463	SPPDR80-025				
SPP79350	SPP41135-00	SPP79464	SPPDR80-03				
SPP79351	SPP41136-00	SPP79465	SPPDR80-04				
SPP79352	SPP41250-00	SPP79466	SPPDR80-05				
SPP79353	SPP41251-00	SPP79467	SPPDR80-06				
SPP79354	SPP41252-00	SPP79468	SPPDR80-08				
SPP79355	SPP41253-00	SPP79469	SPPDR80-10				
SPP79356	SPP41255-00	SPP79470	SPPDR80-15				
SPP79357	SPP41256-00	SPP79471	SPPDR80-20				
SPP79358	SPP41200-00	SPP79472	SPPDR80-25				
SPP79359	SPP41201-00	SPP79473	SPP20503-V0				
SPP79360	SPP41210-00	SPP79474	SPP20511-V0				
SPP79361	SPP41211-00	SPP79475	SPP20512-V0				
SPP79362	SPP41212-00	SPP79477	SPP20519-V0				
SPP79363	SPP41213-00	SPP79478	SPP20520-V0				
SPP79364	SPP41214-00	SPP79479	SPP20502-V0				
SPP79365	SPP41215-00	SPP79480	SPP20522-V0				
SPP79366	SPPHV200	SPP79481	SPP20523-V0				
SPP79368	SPP41220-00	SPP79483	SPP21000-V0				
SPP79369	SPP41221-00	SPP79485	SPP21055-V0				
SPP79370	SPP41225-00	SPP79488	SPP20502-00				
SPP79371	SPP41226-00	SPP79489	SPP20503-00				
SPP79378	SPP40225-00	SPP79490	SPP20519-00				
SPP79379	SPP40226-00	SPP79492	SPP20522-00				
SPP79380	SPP40227-00	SPP79493	SPP20523-00				
SPP79384	SPP40231-00	SPP79494	SPP21000-00				
SPP79386	SPP40233-00	SPP79495	SPP21025-00				
SPP79390	SPP40237-00	SPP79496	SPP21055-00				
SPP79394	SPP40241-00	SPP79532	SPPG10052				
SPP79397	SPP40244-00	SPP79540	SPP520000.510				
SPP79398	SPP40245-00	SPP79903	SPP20452-00				
SPP79417	SPP20460-01	SPP79904	SPP20453-00				
SPP79418	SPP20460-02	SPP79922	SPP40497-00				
SPP79419	SPP20525-00	SPPA1238P	SPP10-1238P				
SPP79420	SPP20521-00	SPPCDC-600-A1	SPP7094A				
SPP79421	SPP20512-00	SPPCDCL-600-A	SPP7094AL				
SPP79422	SPP20460-03	SPPPEL1238P	SPP12-1238P				
SPP79423	SPP20460-00						
SPP79424	SPP20513-00						
SPP79425	SPP40225-04						
SPP79426	SPP20511-00						
SPP79427	SPP20501-00						
SPP79429	SPP40285-01						
SPP79430	SPP40285-015						
SPP79431	SPP40285-02						
SPP79432	SPP40285-025						
SPP79433	SPP40285-03						
SPP79434	SPP40285-04						
SPP79435	SPP40285-05						
SPP79436	SPP40285-06						
SPP79437	SPP40285-08						

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