BEE VALVE INC.

# Fluid Handling Components

# Bee Valve Inc. has stood the test of time.

*Bee Valve Inc. traces its origin back a half-a-century to the beginning of the modern plastics industry. The company was on the developmental forefront of plastic ball valves and was one of the first companies to use glass-reinforced polypropylene for this application. The company was also on the leading edge in the development of non-metallic hose couplers and adapters in the early 1970s, utilizing glass-reinforced nylon and polypropylene for economy and strength. Bee Valve has continued to focus on providing the industry with state-of-the-art materials and components. When you turn to Bee Valve for your fluid handling needs, you're turning to the market innovator.*

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# Bolted Polypropylene Ball Valves

## FEATURES

- Precision molded in glass-reinforced polypropylene for stability, strength and toughness
- Machined surfaces for easy on-off operation
- Self-aligning ball
- Viton® O-ring
- Excellent chemical resistance
- Poly-Tef seats
- Can be replaced or repaired in the field in-line (1/2"–3"SP)

### BOLTED POLYPROPYLENE BALL VALVES

| ITEM | DESCRIPTION | PART NO. | STD. PKG. QTY. | WT. |
|---|---|---|---|---|
| A | 1/2" Full Port | 4011A-20 | 24 | 18 |
| A | 3/4" Full Port | 4011B-20 | 24 | 17 |
| A | 1" Standard Port | 4011C-20 | 24 | 17 |
| B | 1" Full Port | 4011Y-20 | 24 | 24 |
| C | 1-1/4" Full Port | 4011X-20 | 24 | 50 |
| C | 1-1/2" Full Port | 4011D-20 | 24 | 49 |
| C | 2" Standard Port | 4011E-20 | 24 | 48 |
| D | 2" Full Port | 4011N-20 | 16 | 56 |
| D | 2-1/2" Full Port | 4011W-20 | 12 | 51 |
| D | 3" Standard Port | 4011F-20 | 12 | 49 |
| D | 3" Full Port | 4011Z-20 | 8 | 48 |
| F | 4" Full Port | 7012A-20 | 1 | 10 |

| Size | Operating Pressure |
|---|---|
| 1/2"- 1" | 125 psi max @ 70° F |
| 11/4"- 2" | 100 psi max @ 70° F |
| 3"-4" | 75 psi max @ 70° F |

See pages 48-49 for replacement parts

# 2" Full Port Ball Valve Factory Assembled Design Options

## FEATURES

- Full combination of threaded and adapter ends
- Molded-in threaded nipples and adapters

### 2" BOLTED BALL VALVE

| ITEM | DESCRIPTION | PART NO. | STD. PKG. QTY | WT |
|---|---|---|---|---|
| A | 2" Full Port MPT X FPT | 60112-A | 8 | 26 |
| B | 2" Full Port MPT X M Adapter | 60112-C | 8 | 26 |
| C | 2" Full Port FPT X M Adapter | 60112-D | 8 | 26 |

Operating Pressure
100 psi max @ 70° F
75 psi max @ 150° F

See pages 48-49 for replacement parts

# Nozzle Valves

## FEATURES

- Convenient transfer of liquids
- Lightweight hose-end valve
- 8" long polypropylene fill spout

### NOZZLE VALVES

| ITEM | DESCRIPTION | PART NO. | STD. PKG. QTY. | WT. |
|---|---|---|---|---|
| A | 1 1/2" Full Port Nozzle | 4011K-20 | 10 | 26 |
| A | 2" Standard Port Nozzle | 4011L-20 | 10 | 26 |
| B | 2" Full Port Nozzle | 4011P-20 | 6 | 25 |

***Note:*** Stainless steel hardware is available on all ball valves. Contact sales office for specific part numbers.

Size
1 1/2" - 2"

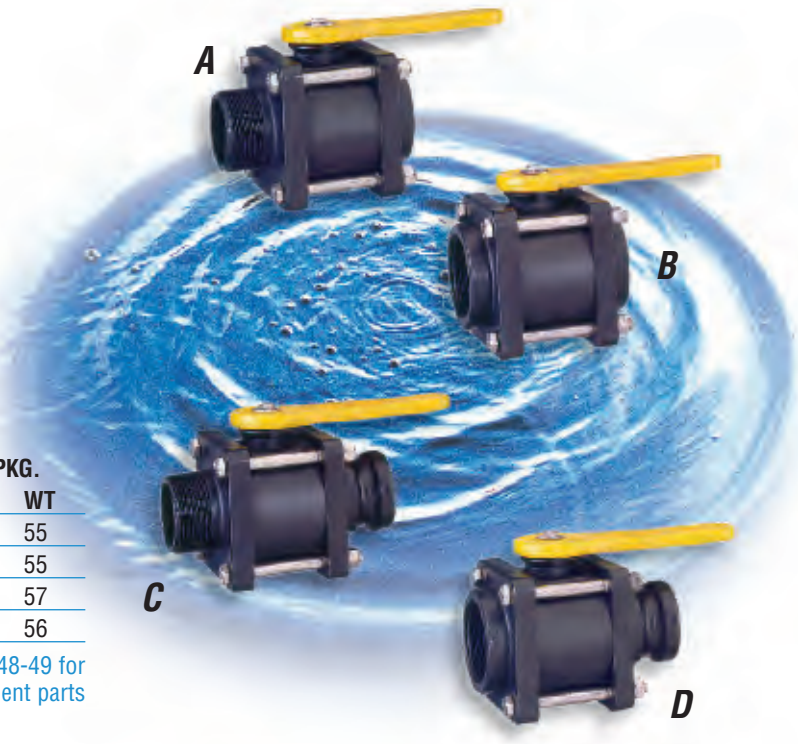
Operating Pressure
100 psi max @ 70° F

See pages 48-49 for replacement parts

# Compact Polypropylene Bolted Ball Valves

## FEATURES

- Compact size
- Stainless steel hardware
- Four-bolt design
- Lightweight
- Glass-reinforced polypropylene
- Four design options
- All Teflon® seats
- Viton® O-Rings




### COMPACT BOLTED BALL VALVES

| ITEM | DESCRIPTION | PART NO. | STD. PKG. QTY | WT |
|---|---|---|---|---|
| A | 2" Full Port MPT X FPT | 30112-A | 24 | 55 |
| B | 2" Full Port FPT X FPT | 30112-B | 24 | 55 |
| C | 2" Full Port MPT X M Adapter | 30112-C | 24 | 57 |
| D | 2" Full Port FPT X M Adapter | 30112-D | 24 | 56 |

Operating Pressure
125 psi max @ 70° F
70 psi max @ 150° F

See pages 48-49 for replacement parts

# Ratchet Return Ball Valve

## FEATURES

- Manufactured to exacting standards
- Designed for hard to reach applications (using rods or cables)
- Full "on" or "off"
- Fast actuating
- Stainless steel operating mechanism
- 1-1/4", 1-1/2" and 2" end cap options

### RATCHET RETURN VALVES

| DESCRIPTION | PART NO. | STD. PKG. QTY | WT |
|---|---|---|---|
| 1-1/4" Full Port | 4011T-20 | 10 | 32 |
| 1-1/2" Full Port | 4011U-20 | 10 | 30 |
| 2" Standard Port | 4011V-20 | 10 | 29 |

Operating Pressure
125 psi max @ 70° F

### RATCHET REPLACEMENT PARTS

| | | | | | |
|---|---|---|---|---|---|
| **Body** | 4B204 | **Bolt** | 4H029 (Handle) | **Spacer** | 4H037 |
| **Anchor** | 4H036 | **Pin** | 4H034 (Handle) | **Pin** | 4H033 (Body) |
| **Handle** | 4L104 | **Ratchet** | 4H040 | **Spring** | 4H042 (3") |
| **Indicator** | 4H050 | **Spring** | 4H041 (1/2") | **Washer** | 4H012 |

See page 48 for balance of valve replacement parts

# Flange Ball Valves

## FEATURES

- Single and double flange designs
- ANSI standards 4-bolt, low pressure flange

### FLANGE VALVES

| ITEM | DESCRIPTION | PART NO. | STD. PKG. QTY | WT |
|---|---|---|---|---|
| A | 2-1/2" Full Port w/4-Bolt 3" ANSI Flange one end | 6011W-20 | 4 | 25 |
| A | 3" Standard Port w/4-Bolt 3" ANSI Flange one end | 6011F-20 | 4 | 25 |
| B | 3" Standard Port w/4-Bolt 3" ANSI Flange both ends | 4011M-20 | 4 | 32 |
| | Replacement metal handle | 4L105 for item B | | |

Operating Pressure
75 psi max @ 70° F

See page 49 for replacement parts

# Single Union Polypropylene Ball Valves

### *FEATURES*
- Manufactured from polypropylene
- Teflon® seats
- EPDM O-rings (Viton® kits available)
- All valves 100% pressure tested

**SINGLE UNION POLY- BALL VALVES**

| ITEM | DESCRIPTION | PART NO. |
|---|---|---|
| A | 1/2" Full Port | SU050-FP |
| A | 3/4" Full Port | SU075-FP |
| A | 1" Full Port | SU100-FP |
| B | 1" 45° Nozzle FP | SU100-FP-NOZ |
| A | 1-1/4" Full Port | SU125-FP |
| A | 1-1/2" Full Port | SU150-FP |
| A | 2" Full Port | SU200-FP |
| A | 3" Full Port | SU300-FP |

Operating Pressure
125 psi max @ 70° F

# 3-WAY, Multi-Port Polypropylene Ball Valves

### *FEATURES*
- Manufactured from polypropylene
- Teflon® seats
- EPDM O-rings (Viton® kits available)
- All valves 100% pressure tested
- Three position settings:
  - bottom-to-right
  - bottom-to-left
  - off

**MULTI-PORT BALL VALVES**

| ITEM | DESCRIPTION | PART NO. |
|---|---|---|
| C | 3/4" Full Port | MPBV075-FP |
| D | 2" Standard Port | MPBV200-SP |

Operating Pressure
125 psi max @ 70° F

# Manifold Ball Valve System

### FEATURES

- Clamp connection—no threading or rotating
- Quick and easy assembly. No pipe tape or sealant necessary
- Positive seals
- Easy on/off hose connections
- 360° orientation
- Valves and fittings are manufactured from glass-reinforced polypropylene for strength and durability. Will not rust or corrode

## Manifold Bolted Ball Valves

### FEATURES

- Self-aligning ball rotates freely against Teflon® seats
- Unique body-to-flange design allows for low torque on/off operations
- Viton® O-ring stem seal and EPDM O-ring body seal
- All valves 100% tested

### FLANGE BALL VALVES

| DESCRIPTION | PART NO. |
|---|---|
| 1" Full Port Flange x Flange | 63028 |
| 2" Full Port Compact Flange x Flange | 63123 |
| 3" Full Port Flange x Flange | 63125 |

Recommended operating pressure
100 psi @ 0°F • 125 psi @ 70°F • 70 psi @ 150°F

## Flange Clamp

### FEATURES

- Designed for use with flange valves and flange fittings
- Stainless Steel Construction

### WORM GEAR FLANGE FITTING CLAMPS

| SIZE | PART NO. |
|---|---|
| 1" | 62932 |
| 2" | 62933 |
| 3" | 62934 |

### FLANGE FITTING ORIGINAL AND REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 1" | EPDM | 62935 |
| 2" | EPDM | 61574 |
| 3" | EPDM | 61575 |

## FEATURES

- Quick and easy assembly. No pipe tape or sealant necessary
- Positive seals
- Easy on/off hose connections
- 360$^0$ orientation
- Valves and fittings are manufactured from glass-reinforced polypropylene for strength and durability. Will not rust or corrode

### FLANGE FITTINGS, POLYPROPYLENE

| ITEM | SIZE | DESCRIPTION | PART NO. |
|---|---|---|---|
| A | 1" | Coupling, Flange | 62914 |
| | 2" | Coupling, Flange | 63102 |
| | 3" | Coupling, Flange | 63113 |
| B | 1" | Cross, Flange | 62923 |
| | 2" | Cross, Flange | 63109 |
| | 3" | Cross, Flange | 63119 |
| C | 1" | Elbow, Flange | 62913 |
| | 2" | Elbow, Flange | 63101 |
| | 3" | Elbow, Flange | 63112 |
| D | 1" x 3/4" | Elbow, Flange x HB | 62920 |
| | 1" x 1" | Elbow, Flange x HB | 62921 |
| | 1" x 1-1/4" | Elbow, Flange x HB | 62922 |
| | 1" x 1-1/2" | Elbow, Flange x HB | 63107 |
| | 2" x 2" | Elbow, Flange x HB | 63108 |
| | 3" x 2" | Elbow, Flange x HB | 63117 |
| | 3" x 3" | Elbow, Flange x HB | 63118 |
| E | 1" x 1" | Flange x FPT | 62916 |
| | 2" x 2" | Flange x FPT | 63104 |
| F | 1" x 3/4" | Flange x HB | 62917 |
| | 1" x 1" | Flange x HB | 62918 |
| | 1" x 1-1/4" | Flange x HB | 62919 |
| | 1" x 1-1/2" | Flange x HB | 63105 |
| | 2" x 2" | Flange x HB | 63106 |
| | 3" x 2" | Flange x HB | 63115 |
| | 3" x 3" | Flange x HB | 63116 |
| G | 2" x 2" | Flange x Male Coupler | 62926 |
| | 3" x 3" | Flange x Male Coupler | 63121 |
| H | 1" x 3/4" | Flange x MPT | 63098 |
| | 1" x 1" | Flange x MPT | 62915 |
| | 1" x 1-1/4" | Flange x MPT | 63099 |
| | 2" x 2" | Flange x MPT | 63103 |
| | 3" x 3" | Flange x MPT | 63114 |
| I | 1" | Plug, Flange | 62924 |
| | 2" | Plug, Flange | 63110 |
| | 3" | Plug, Flange | 63120 |
| J | 1" w/ 1/4" FPT | Plug, Flange w/FPT | 62925 |
| K | 2" x 1" | Reducing Coupling, Flange x Flange | 62927 |
| | 3" x 2" | Reducing Coupling, Flange x Flange | 62928 |
| L | 1" | Tee, Flange | 62912 |
| | 2" | Tee, Flange | 63100 |
| | 3" | Tee, Flange | 63111 |

| Size | Operating Pressure |
|---|---|
| 1" - 2" | 150 psi max @ 70$^0$F |
| 3" | 125 psi max @ 70$^0$F |

# Stainless Steel Ball Valves

### *FEATURES*

- Manufactured from 316 stainless steel
- Full port construction
- Water, oil and gas rated @ 1,000 psi
- Latch lock handle performs in both open and closed positions
- Teflon® seats and seals
- Polished stainless steel ball for precise operation
- All valves 100% pressure tested

### STAINLESS STEEL BALL VALVES

| DESCRIPTION | PART NO. |
|---|---|
| 3/8" Full Port | VSS038 |
| 1/2" Full Port | VSS050 |
| 3/4" Full Port | VSS075 |
| 1" Full Port | VSS100 |
| 1-1/4" Full Port | VSS125 |
| 1-1/2" Full Port | VSS150 |
| 2" Full Port | VSS200 |
| 3" Full Port | VSS300 |

# Brass Ball Valves

***NOTE:*** Valve pictured without handle lock.

### *FEATURES*

- Full port construction
- Water, oil and gas rated @ 600 psi WOG
- Handle locks available
- Teflon® seats and seals
- All valves 100% pressure tested

### BRASS BALL VALVES

| DESCRIPTION | PART NO. |
|---|---|
| 1/4" Full Port | BBV025 |
| 3/8" Full Port | BBV038 |
| 1/2" Full Port | BBV050 |
| 3/4" Full Port | BBV075 |
| 1" Full Port | BBV100 |
| 1-1/4" Full Port | BBV125 |
| 1-1/2" Full Port | BBV150 |
| 2" Full Port | BBV200 |

# T-Line Strainer

## FEATURES

- Glass-reinforced polypropylene body
- 304 stainless steel screens
- EPDM gaskets standard
- 20 mesh screen standard

### T-LINE POLYPROPYLENE STRAINERS

| DESCRIPTION | PART NO. | MESH |
|---|---|---|
| 1/2" T-Line Poly Strainer | LST050 | 20,40,80 |
| 3/4" T-Line Poly Strainer | LST075 | 20,40,80 |
| 1" T-Line Poly Strainer | LST100 | 20,40,80 |

***NOTE:*** Please specify stainless steel mesh (20-40-80).

Operating Pressure
100 psi max @ 70° F

### REPLACEMENT SCREENS

| DESCRIPTION | 1/2" - 1" |
|---|---|
| T-Strainer Screen w/20 Mesh | 4S512-20 |
| T-Strainer Screen w/40 Mesh | 4S512-40 |
| T-Strainer Screen w/80 Mesh | 4S512-80 |
| Gasket (O-Ring) | 4G537-00 |

See page 50 for replacement parts

# Standard Y-Strainers

## FEATURES

- Glass-reinforced poly-propylene body & cap
- 304 stainless steel screens
- 20 mesh screen standard
- Sizes from 1/2" to 2"
- EPDM gaskets standard
- Easy access for cleaning

### Y-STRAINERS-STANDARD

| DESCRIPTION | PART NO. | MESH |
|---|---|---|
| 1/2" Poly Y-Strainer | LSY050 | 20,40,80 |
| 3/4" Poly Y-Strainer | LSY075 | 20,40,80 |
| 1" Poly Y-Strainer | LSY100 | 20,40,80 |
| 1-1/4" Poly Y-Strainer | LSY125 | 20,40,80 |
| 1-1/2" Poly Y-Strainer | LSY150 | 12,20,40,80 |
| 2" Poly Y-Strainer | LSY200 | 12,20,40,80 |

***NOTE:*** Please specify stainless steel mesh (20-40-80).

Operating Pressure
90 psi max @ 70° F

### REPLACEMENT SCREENS

| DESCRIPTION | 1/2" – 3/4" | 1" – 1-1/4" | 1-1/2" – 2" |
|---|---|---|---|
| Screen/20 Mesh | 4S509-20 | 4S510-20 | 4S511-20 |
| Screen/40 Mesh | 4S509-40 | 4S510-40 | 4S511-40 |
| Screen/80 Mesh | 4S509-80 | 4S510-80 | 4S511-80 |
| Gasket (O-Ring) | 4G452-00 | 4G750-00 | 4G561-00 |

See page 50 for replacement parts

# Heavy Duty, High Capacity Y-Strainers

## FEATURES

- Glass-reinforced poly-propylene body & cap
- 5" long full-flow screen
- 316 stainless steel screens
- Easy access for cleaning
- EPDM gaskets standard
- Viton® seal and O-ring

### Y-STRAINERS-HIGH CAPACITY

| DESCRIPTION | PART NO. | MESH |
|---|---|---|
| 1-1/2" Heavy Duty Y-Strainer | 4187A | 14,20,40,80,100 |
| 2" Heavy Duty Y-Strainer | 4187B | 14,20,40,80,100 |

***NOTE:*** Please specify stainless steel mesh (14-20-40-80-100).

Operating Pressure
100 psi max @ 70° F

### REPLACEMENT SCREENS–5 in.

| DESCRIPTION | Part No. |
|---|---|
| 14 Mesh Screen–5" | 4S501 |
| 20 Mesh Screen–5" | 4S505 |
| 40 Mesh Screen–5" | 4S502 |
| 80 Mesh Screen–5" | 4S503 |
| 100 Mesh Screen–5" | 4S504 |

See page 48 for replacement parts

# 2" Quick Clean, High Capacity Y-Strainer

## FEATURES

- Heavy duty glass-reinforced polypropylene
- 316 stainless steel screens
- 8" long full-flow screen
- 3" cam lever cap for easy cleaning
- Viton® O-ring
- EPDM gaskets standard

### QUICK CLEAN HIGH CAPACITY POLY Y-STRAINERS

| DESCRIPTION | PART NO. | MESH |
|---|---|---|
| 2" Y-Strainer | 200A | 6,14,40,80 |

***NOTE:*** Please specify stainless steel mesh (6-14-40-80) 14 mesh is standard.

Operating Pressure
100 psi max @ 70° F

### REPLACEMENT SCREENS–8 in.

| DESCRIPTION | Part No. |
|---|---|
| 6 Mesh Screen for Strainer–8" | 4S508-6 |
| 14 Mesh Screen for Strainer–8" | 4S508-14 |
| 40 Mesh Screen for Strainer–8" | 4S508-40 |
| 80 Mesh Screen for Strainer–8" | 4S508-80 |

See page 48 for replacement parts

# 3” Quick Clean, High Capacity Y-Strainer

## FEATURES

- Easy cleaning
- Heavy duty, glass-reinforced polypropylene body
- 4” reinforced nylon dust cap with patented safety latch
- 316 stainless steel screens - available in 1/16” or 1/8” perf
- EPDM gaskets standard

### 3” HIGH CAPACITY POLY Y-STRAINER

| DESCRIPTION | PART NO. | PERF |
|---|---|---|
| 3” Y-Strainer w/4” Dust Cap | 300A-ADC | 1/16”, 1/8” |

***NOTE:*** Please specify stainless steel perf (1/16”, 1/8”).

Operating Pressure
75 psi max @ 70° F

### REPLACEMENT SCREENS

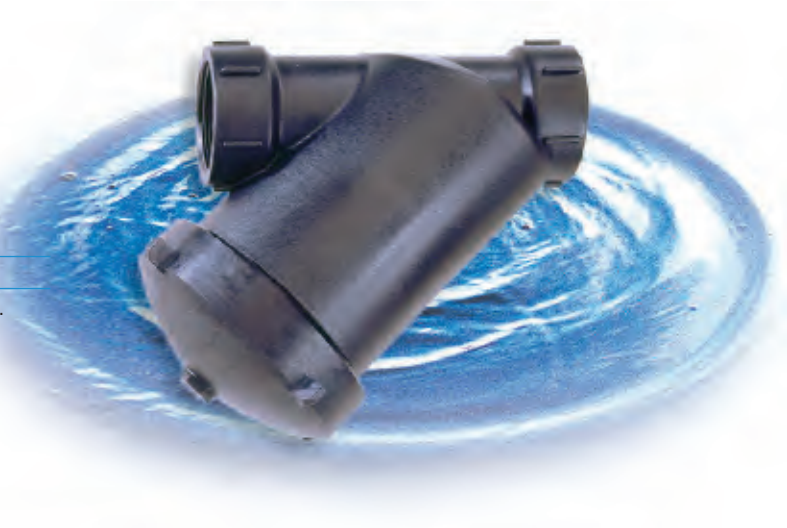
| DESCRIPTION | Part No. |
|---|---|
| Screen – 1/16 Perf | 4S514-062 |
| Screen – 1/8 Perf | 4S514-125 |

See page 48 for replacement parts

# 3” High Capacity Y-Strainer

## FEATURES

- Heavy duty glass-reinforced polypropylene
- Extra large 316 stainless steel screens-reinforced with polypropylene–available in 6, 12, 20 and 40 mesh
- EPDM gaskets standard
- 1/2” drain plug in bottom of cap



### HIGH CAPACITY POLY Y-STRAINER

| DESCRIPTION | PART NO. | MESH |
|---|---|---|
| 3” Y-Strainer | 300A | 6,12,20,40 |

***NOTE:*** Please specify stainless steel mesh (6-12-20-40) 20 mesh is standard.

Operating Pressure
75 psi max @ 70° F

### REPLACEMENT SCREENS

| DESCRIPTION | Part No. |
|---|---|
| Screen/6 Mesh | 4S513-6 |
| Screen/12 Mesh | 4S513-12 |
| Screen/20 Mesh | 4S513-20 |
| Screen/40 Mesh | 4S513-40 |

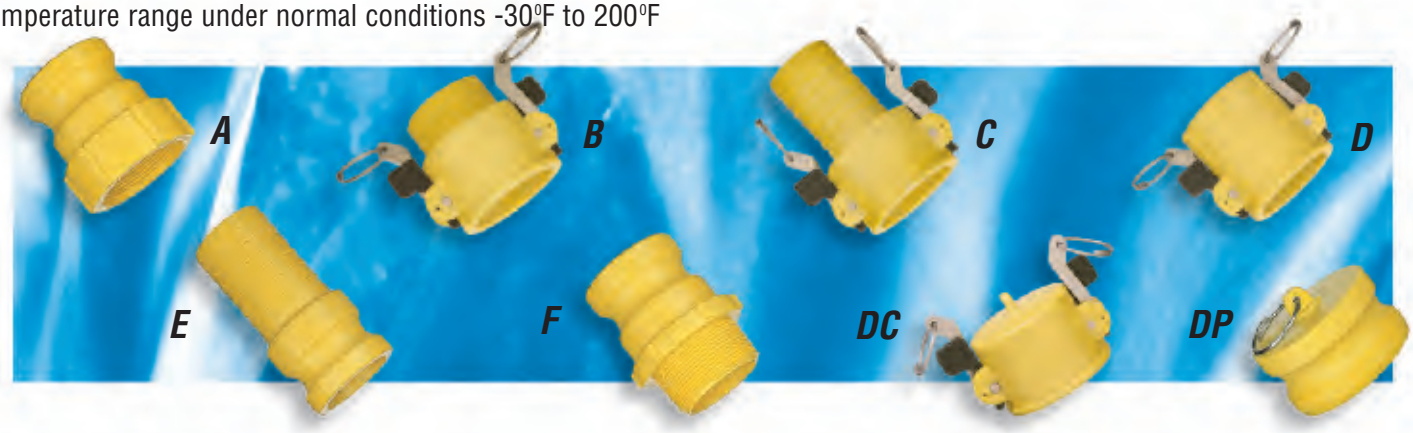
See page 48 for replacement parts

# COUPLERS & ADAPTERS

## Nylon, Glass-Filled

### FEATURES

- Safety latches available on all couplers and dust caps ranging in size from 1-1/4" to 4"
- Lightweight-1/2 the weight of aluminum
- Strong–resists cross threading, thread seizure and "out-of-round" condition
- Chemical resistant to most acids (Refer to chemical resistance table for specific recommendation)
- Non-conducting
- All couplers feature stainless steel handles & pins, blue nylon handles available
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- EPDM gaskets furnished standard. Buna-N, Viton® and Nitrile also available
- Temperature range under normal conditions -30°F to 200°F




| ITEM | DESCRIPTION | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Male Adapter/Female Thread | 025 A-N | 037 A-N | 050 A-N | | 075 A-N | 100 A-N | 125 A-N | 150 A-N | 200 A-N | 300 A-N | 400 A-N |
| | Std. Package — Qty. | 125 | 125 | 125 | | 125 | 80 | 50 | 50 | 80 | 44 | 18 |
| | Std. Package — Wt. | 7# | 7# | 7# | | 7# | 7# | 11# | 9# | 22# | 18# | 18# |
| B | Female Coupler/Male Thread | | | 050 B-N | | 075 B-N | 100 B-N | 125 B-N | 150 B-N | 200 B-N | 300 B-N | 400 B-N |
| | Std. Package — Qty. | | | 100 | | 100 | 80 | 60 | 60 | 50 | 25 | 20 |
| | Std. Package —Wt. | | | 14# | | 15# | 14# | 27# | 27# | 26# | 25# | 28# |
| C | Female Coupler/Hose Shank* | | | 050 C-N | 062 C-N | 075 C-N | 100 C-N | 125 C-N | 150 C-N | 200 C-N | 300 C-N* | 400 C-N** |
| | Std. Package — Qty. | | | 100 | 100 | 90 | 60 | 65 | 65 | 44 | 18 | 12 |
| | Std. Package — Wt. | | | 15# | 14# | 14# | 11# | 33# | 32# | 27# | 22# | 21# |
| D | Female Coupler/Female Thread | 025 D-N | 037 D-N | 050 D-N | | 075 D-N | 100 D-N | 125 D-N | 150 D-N | 200 D-N | 300 D-N | 400 D-N |
| | Std. Package — Qty. | 100 | 100 | 100 | | 100 | 60 | 70 | 70 | 50 | 25 | 16 |
| | Std. Package — Wt. | 16# | 16# | 16# | | 16# | 11# | 37# | 35# | 29# | 21# | 24# |
| E | Male Adapter/Hose Shank | | | 050 E-N | 062 E-N | 075 E-N | 100 E-N | 125 E-N | 150 E-N | 200 E-N | 300 E-N | 400 E-N |
| | Std. Package — Qty. | | | 125 | 125 | 75 | 45 | 50 | 45 | 30 | 32 | 16 |
| | Std. Package — Wt. | | | 5# | 5# | 5# | 5# | 9# | 8# | 9# | 18# | 18# |
| F | Male Adapter/Male Thread | | | 050 F-N | | 075 F-N | 100 F-N | 125 F-N | 150 F-N | 200 F-N | 300 F-N | 400 F-N |
| | Std. Package — Qty. | | | 90 | | 90 | 100 | 120 | 120 | 75 | 33 | 12 |
| | Std. Package — Wt. | | | 5# | | 5# | 10# | 23# | 23# | 22# | 20# | 11# |
| DC | Female Coupler Cap | | | | | 075 DC-N | 100 DC-N | | 150 DC-N | 200 DC-N | 300 DC-N | 400 DC-N |
| | Std. Package — Qty. | | | | | 125 | 80 | | 80 | 70 | 30 | 20 |
| | Std. Package — Wt. | | | | | 18# | 13# | | 37# | 35# | 28# | 22 |
| DP | Male Adapter Plug | | | | | 075 DP-N | 100 DP-N | | 150 DP-N | 200 DP-N | 300 DP-N | 400 DP-N |
| | Std. Package — Qty. | | | | | 150 | 100 | | 45 | 25 | 25 | 36 |
| | Std. Package — Wt. | | | | | 8# | 7# | | 6# | 6# | 10# | 23# |

| Size | Operating Pressure |
|---|---|
| 1/4"-1" | 175 psi max @ 70° F |
| 11/4"-2" | 150 psi max @ 70° F |
| 3" | 100 psi max @ 70° F |
| 4" | 50 psi max @ 70° F |

| | | |
|---|---|---|
| * | 3" x 2-1/2" | 300250C-N |
| ** | 4" x 3" | 430C-N |

- On 1/4", 3/8" & 1/2" sizes the coupler and adapter portion is to 3/4" standard.
- On 1-1/4" size the coupler and adapter is to 1-1/2" standard.
- British thread also available.

***WARNING:*** Do not operate couplings under pressure or with liquid in the lines. To prevent accidental opening fully engage and secure handles prior to pressurizing.

# Polypropylene, Glass-filled

## FEATURES

- Safety Latches available on all couplers ranging in size from 1-1/4" to 3" and dust caps from 1-1/4" to 4"
- Chemical resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- Temperature range from 10°F to 180°F
- All couplers feature stainless steel handles & pins
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- EPDM gaskets furnished as standard. Buna-N, Viton® and Nitrile also available

| ITEM | DESCRIPTION | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Male Adapter/Female Thread | 025 A-M | 037 A-M | 050 A-M | 075 A-M | 100 A-M | 125 A-M | 150 A-M | 200 A-M | 300 A-M | |
| | Std. Package — Qty. | 125 | 125 | 125 | 125 | 80 | 50 | 50 | 80 | 44 | |
| | Std. Package — Wt. | 7# | 7# | 7# | 7# | 7# | 11# | 9# | 22# | 18# | |
| B | Female Coupler/Male Thread | | | 050 B-M | 075 B-M | 100 B-M | 125 B-M | 150 B-M | 200 B-M | 300 B-M | |
| | Std. Package — Qty. | | | 100 | 100 | 80 | 60 | 60 | 50 | 25 | |
| | Std. Package —Wt. | | | 14# | 15# | 14# | 27# | 27# | 26# | 25# | |
| C | Female Coupler/Hose Shank | | | 050 C-M | 075 C-M | 100 C-M | 125 C-M | 150 C-M | 200 C-M | 300 C-M | |
| | Std. Package — Qty. | | | 100 | 90 | 60 | 65 | 65 | 44 | 18 | |
| | Std. Package — Wt. | | | 15# | 14# | 11# | 33# | 32# | 27# | 22# | |
| D | Female Coupler/Female Thread | 025 D-M | 037 D-M | 050 D-M | 075 D-M | 100 D-M | 125 D-M | 150 D-M | 200 D-M | 300 D-M | |
| | Std. Package — Qty. | 100 | 100 | 100 | 100 | 60 | 70 | 70 | 50 | 25 | |
| | Std. Package — Wt. | 16# | 16# | 16# | 16# | 11# | 37# | 35# | 29# | 21# | |
| E | Male Adapter/Hose Shank | | | 050 E-M | 075 E-M | 100 E-M | 125 E-M | 150 E-M | 200 E-M | 300 E-M | |
| | Std. Package — Qty. | | | 125 | 75 | 45 | 50 | 45 | 30 | 32 | |
| | Std. Package — Wt. | | | 5# | 5# | 5# | 9# | 8# | 9# | 18# | |
| F | Male Adapter/Male Thread | | | 050 F-M | 075 F-M | 100 F-M | 125 F-M | 150 F-M | 200 F-M | 300 F-M | 400 F-M |
| | Std. Package — Qty. | | | 90 | 90 | 100 | 120 | 120 | 75 | 33 | 12 |
| | Std. Package — Wt. | | | 5# | 5# | 10# | 23# | 23# | 22# | 20# | 11# |
| DC | Female Coupler Cap | | | | 075 DC-M | 100 DC-M | | 150 DC-M | 200 DC-M | 300 DC-M | 400 DC-M |
| | Std. Package — Qty. | | | | 125 | 80 | | 80 | 70 | 30 | 20 |
| | Std. Package — Wt. | | | | 18# | 13# | | 37# | 35# | 28# | 22# |
| DP | Male Adapter Plug | | | | 075 DP-M | 100 DP-M | | 150 DP-M | 200 DP-M | 300 DP-M | 400 DP-M |
| | Std. Package — Qty. | | | | 150 | 100 | | 45 | 25 | 25 | 36 |
| | Std. Package — Wt. | | | | 8# | 7# | | 6# | 6# | 10# | 23# |

| Size | Operating Pressure |
|---|---|
| 1/4"-1" | 125 psi max @ 70° F |
| 11/4"-2" | 100 psi max @ 70° F |
| 3" | 75 psi max @ 70° F |
| 4" | 35 psi max @ 70° F |

- On 1/4", 3/8" & 1/2" sizes the coupler and adapter portion is to 3/4" standard.
- On 1-1/4" size the coupler and adapter is to 1-1/2" standard.

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines. To prevent accidental opening fully engage and secure handles prior to pressurizing.

- British threads also available.

# Polypropylene, Heavy-Duty

## FEATURES

- ***Extra thick walls, extra strength***
- Safety Latches available on all couplers ranging in size from 1-1/4" to 3" and dust caps from 1-1/4" to 4"
- Manufactured from glass-reinforced polypropylene for stability, strength and toughness
- Chemical resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- EPDM gaskets furnished as standard. Buna-N, Viton® and Nitrile also available
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- All couplers feature stainless steel handles, rings & pins
- Temperature range from 10° F to 180° F

| ITEM | DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|
| A | Male Adapter/Female Thread | 050-A | 075-A | 100-A | 125-A | 150-A | 200-A | 300-A | 400-A |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 12 | – |
| | Std. Package — Wt. | 1# | 1# | 1# | 1# | 4# | 4# | 1# | 1.5 # ea |
| B | Female Coupler/Male Thread | 050-B | 075-B | 100-B | 125-B | 150-B | 200-B | 300-B | 400-B* |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | 3 handles |
| | Std. Package —Wt. | 1# | 1# | 2# | 3# | 7# | 7# | 7# | 2.1 # ea |
| C | Female Coupler/Hose Shank | 050-C | 075-C | 100-C | 125-C | 150-C | 200-C | 300-C | 400-C* |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | 3 handles |
| | Std. Package — Wt. | 1# | 1# | 1# | 3# | 8# | 8# | 8# | 2.4 # ea |
| D | Female Coupler/Female Thread | 050-D | 075-D | 100-D | 125-D | 150-D | 200-D | 300-D | 400-D* |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | 3 handles |
| | Std. Package — Wt. | 1# | 1# | 1# | 8# | 8# | 7# | 8# | 2.2 # ea |
| E | Male Adapter/Hose Shank | 050-E | 075-E | 100-E | 125-E | 150-E | 200-E | 300-E | 400-E |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | – |
| | Std. Package — Wt. | 1# | 1# | 1# | 1# | 3# | 4# | 5# | 1.9 # ea |
| F | Male Adapter/Male Thread | 050-F | 075-F | 100-F | 125-F | 150-F | 200-F | 300-F | 400-F |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | – |
| | Std. Package — Wt. | 1# | 1# | 1# | 1# | 3# | 4# | 5# | 1.7 # ea |
| DC | Female Coupler Cap | 050-DC | 075-DC | 100-DC | 125-DC | 150-DC | 200-DC | 300-DC | 400-DC* |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | 3 handles |
| | Std. Package — Wt. | 1# | 1# | 2# | 3# | 6# | 7# | 6# | 1.8 # ea |
| DP | Male Adapter Plug | 050-DP | 075-DP | 100-DP | 125-DP | 150-DP | 200-DP | 300-DP | 400-DP |
| | Std. Package — Qty. | 6 | 6 | 6 | 6 | 12 | 12 | 6 | – |
| | Std. Package — Wt. | 1# | 1# | 1# | 1# | 3# | 4# | 4# | 0.6 # ea |

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines.
To prevent accidental opening fully engage and secure handles prior to pressurizing.
- British threads also available.

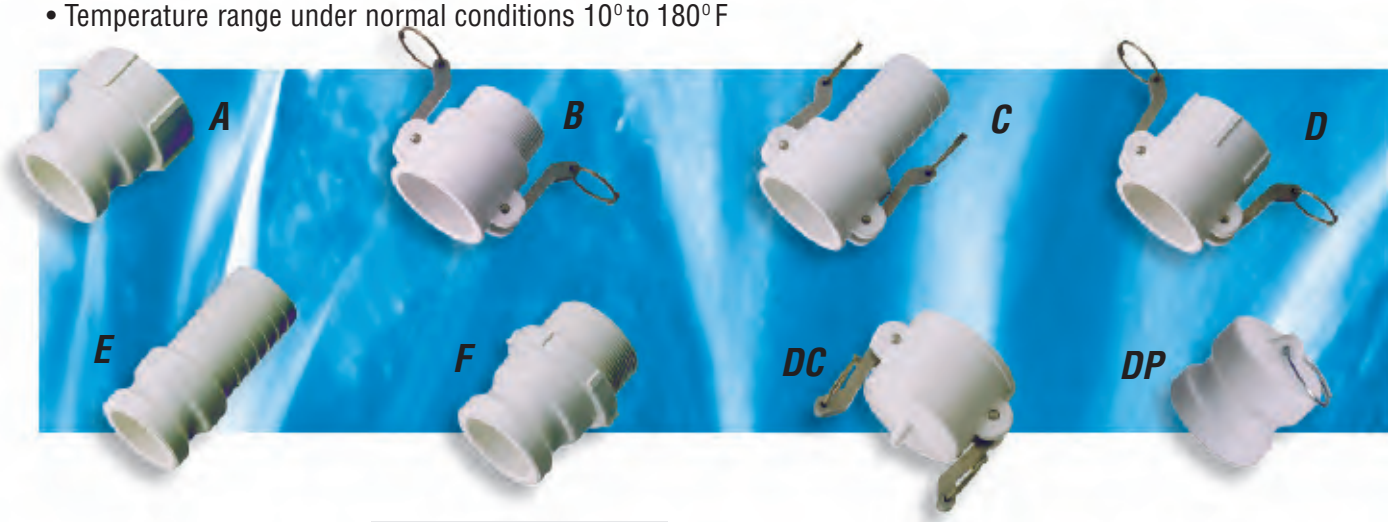
| Size | Operating Pressure |
|---|---|
| 1/2"-2" | 125 psi max @ 70° F |
| 3" | 100 psi max @ 70° F |
| 4" | 75 psi max @ 70° F |

**** 4" Couplers have 3 cam handles***

# Food-Grade Filled Polypropylene

## FEATURES

- Chemical Resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- FDA / NSF compliant
- All couplers feature stainless steel handles & pins
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- Nitrile gaskets furnished as standard. EPDM, Buna-N and Viton® also available
- Good mechanical strength
- Resistance to alkalies, salts and alcohols
- Resistance to animal, vegetable and mineral oils
- Resistance to phosphoric and hydrochloric acids
- Temperature range under normal conditions 10° to 180° F




| ITEM | DESCRIPTION | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" |
|---|---|---|---|---|---|---|---|---|---|---|
| A | Male Adapter/Female Thread | | | | 075 A-F | 100 A-F | | 150 A-F | 200 A-F | 300 A-F |
| | Std. Package — Qty. | | | | 125 | 80 | | 50 | 80 | 44 |
| | Std. Package — Wt. | | | | 7# | 7# | | 9# | 22# | 18# |
| B | Female Coupler/Male Thread | | | | 075 B-F | 100 B-F | | 150 B-F | 200 B-F | 300 B-F |
| | Std. Package — Qty. | | AVAILABLE AS SPECIAL ORDER ONLY | | 100 | 80 | AVAILABLE AS SPECIAL ORDER ONLY | 60 | 50 | 25 |
| | Std. Package —Wt. | | | | 15# | 14# | | 27# | 26# | 25# |
| C | Female Coupler/Hose Shank | | | | 075 C-F | 100 C-F | | 150 C-F | 200 C-F | 300 C-F |
| | Std. Package — Qty. | | | | 90 | 60 | | 65 | 44 | 18 |
| | Std. Package — Wt. | | | | 14# | 11# | | 32# | 27# | 22# |
| D | Female Coupler/Female Thread | | | | 075 D-F | 100 D-F | | 150 D-F | 200 D-F | 300 D-F |
| | Std. Package — Qty. | | | | 100 | 60 | | 70 | 50 | 25 |
| | Std. Package — Wt. | | | | 16# | 11# | | 35# | 29# | 21# |
| E | Male Adapter/Hose Shank | | | | 075 E-F | 100 E-F | | 150 E-F | 200 E-F | 300 E-F |
| | Std. Package — Qty. | | | | 75 | 45 | | 45 | 30 | 32 |
| | Std. Package — Wt. | | | | 5# | 5# | | 8# | 9# | 18# |
| F | Male Adapter/Male Thread | | | | 075 F-F | 100 F-F | | 150 F-F | 200 F-F | 300 F-F |
| | Std. Package — Qty. | | | | 90 | 100 | | 120 | 75 | 33 |
| | Std. Package — Wt. | | | | 5# | 10# | | 23# | 22# | 20# |
| DC | Female Coupler Cap | | | | 075 DC-F | 100 DC-F | | 150 DC-F | 200 DC-F | 300 DC-F |
| | Std. Package — Qty. | | | | 125 | 80 | | 80 | 70 | 30 |
| | Std. Package — Wt. | | | | 18# | 13# | | 37# | 35# | 28# |
| DP | Male Adapter Plug | | | | 075 DP-F | 100 DP-F | | 150 DP-F | 200 DP-F | 300 DP-F |
| | Std. Package — Qty. | | | | 150 | 100 | | 45 | 25 | 25 |
| | Std. Package — Wt. | | | | 8# | 7# | | 6# | 6# | 10# |

| Size | Operating Pressure |
|---|---|
| 1/4"-1" | 125 psi max @ 70° F |
| 11/4"-2" | 100 psi max @ 70° F |
| 3" | 50 psi max @ 70° F |

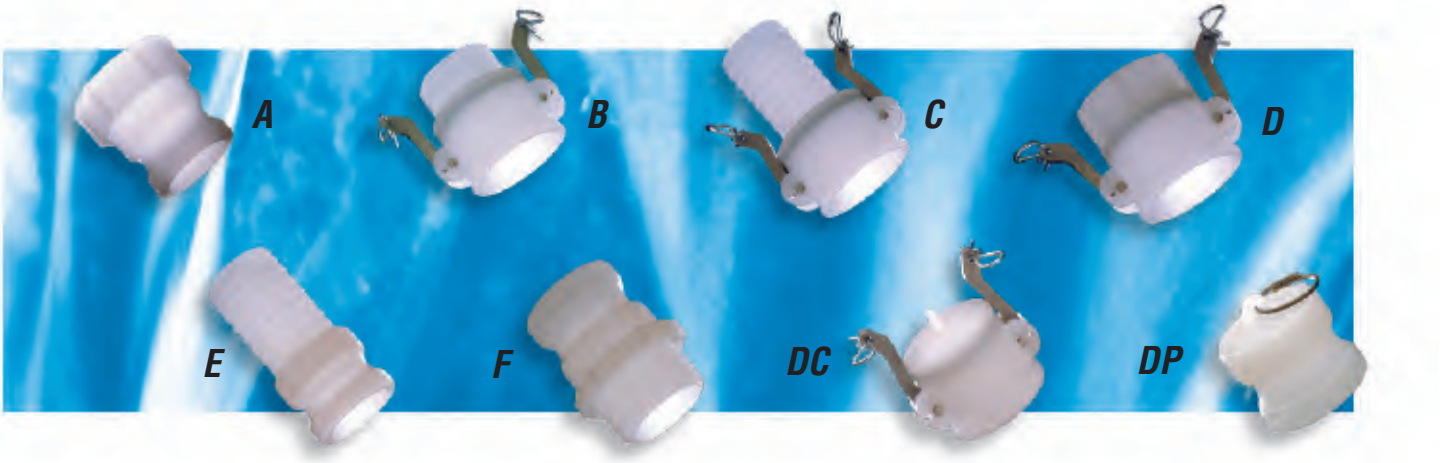
- On 1/4", 3/8" & 1/2" sizes the coupler and adapter portion is to 3/4" standard.
- On 1-1/4" size the coupler and adapter is to 1-1/2" standard.

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines. To prevent accidental opening fully engage and secure handles prior to pressurizing.

# Polyvinylidene Fluoride (PVDF)

## FEATURES

- Chemical resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- All couplers feature stainless steel handles & pins
- Interchangeable with other couplers and adapters
- EPDM gaskets furnished as standard. Buna-N, Viton® and Nitrile also available
- Withstands high temperature
- Nonflammable and self-extinguishing
- UV stable in the visible spectrum
- FDA / NSF compliant
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- Temperature range under normal conditions -20° F to 300° F




| ITEM | DESCRIPTION | 1/4" | 3/8" | 1/2" | 3/4" | 1" | 1-1/2" | 2" | 3" |
|---|---|---|---|---|---|---|---|---|---|
| A | Male Adapter/Female Thread | 025 A-V | 037 A-V | 050 A-V | 075 A-V | 100 A-V | 150 A-V | 200 A-V | 300 A-V |
| | Std. Package — Qty. | 125 | 125 | 125 | 125 | 80 | 50 | 80 | - |
| | Std. Unit — Wt. | .07 | .07 | .07 | .06 | .09 | .26 | .26 | .39 |
| B | Female Coupler/Male Thread | | | 050 B-V | 075 B-V | 100 B-V | 150 B-V | 200 B-V | 300 B-V |
| | Std. Package — Qty. | | | 100 | 100 | 80 | 60 | 50 | - |
| | Std. Unit — Wt. | | | .18 | .19 | .24 | .54 | .66 | 1.19 |
| C | Female Coupler/Hose Shank | | | 050 C-V | 075 C-V | 100 C-V | 150 C-V | 200 C-V | 300 C-V |
| | Std. Package — Qty. | | | 100 | 90 | 60 | 65 | 44 | - |
| | Std. Unit — Wt. | | | .19 | .20 | .25 | .61 | .82 | 1.53 |
| D | Female Coupler/Female Thread | 025 D-V | 037 D-V | 050 D-V | 075 D-V | 100 D-V | 150 D-V | 200 D-V | 300 D-V |
| | Std. Package — Qty. | 100 | 100 | 100 | 100 | 60 | 70 | 50 | - |
| | Std. Unit — Wt. | .22 | .22 | .22 | .20 | .26 | .60 | .72 | 1.17 |
| E | Male Adapter/Hose Shank | | | 050 E-V | 075 E-V | 100 E-V | 150 E-V | 200 E-V | 300 E-V |
| | Std. Package — Qty. | | | 125 | 75 | 45 | 45 | 30 | - |
| | Std. Unit — Wt. | | | .05 | .07 | .11 | .26 | .42 | .87 |
| F | Male Adapter/Male Thread | | | 050 F-V | 075 F-V | 100 F-V | 150 F-V | 200 F-V | 300 F-V |
| | Std. Package — Qty. | | | 90 | 90 | 100 | 120 | 75 | - |
| | Std. Unit — Wt. | | | .08 | .08 | .14 | .27 | .43 | .90 |
| DC | Female Coupler Cap | | | | 075 DC-V | 100 DC-V | 150 DC-V | 200 DC-V | 300 DC-V |
| | Std. Package — Qty. | | | | 125 | 80 | 80 | 70 | - |
| | Std. Unit — Wt. | | | | .17 | .20 | .54 | .81 | 1.04 |
| DP | Male Adapter Plug | | | | 075 DP-V | 100 DP-V | 150 DP-V | 200 DP-V | 300 DP-V |
| | Std. Package — Qty. | | | | 150 | 100 | 45 | 25 | - |
| | Std. Unit — Wt. | | | | .07 | .08 | .16 | .27 | .47 |

- On 1/4", 3/8" & 1/2" sizes the coupler and adapter portion is to 3/4" standard.
- On 1-1/4" size the coupler and adapter is to 1-1/2" standard.

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines. To prevent accidental opening fully engage and secure handles prior to pressurizing.

| Size | Operating Pressure |
|---|---|
| 1/4"-1" | 125 psi max @ 70° F |
| 11/4"-2" | 100 psi max @ 70° F |
| 3" | 75 psi max @ 70° F |

# Stainless Steel

## FEATURES

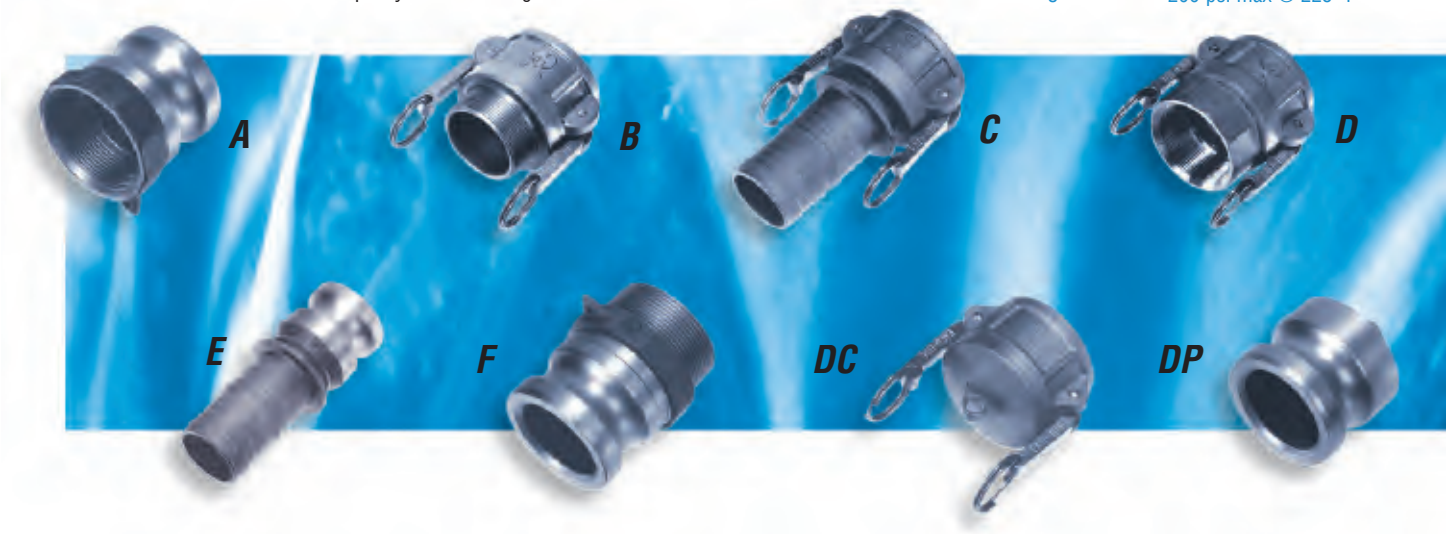
- 316 stainless steel, extra strong handles
- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- Buna-N gaskets furnished standard. EPDM and Viton also available
- Chemical resistant to most acids (Refer to chemical resistance table for specific recommendation)

| ITEM | DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|
| A | Male Adaptor/Female Thread | 050SS-A | 075SS-A | 100SS-A | 125SS-A | 150SS-A | 200SS-A | 300SS-A | 400SS-A |
| B | Female Coupler/Male Thread | 050SS-B | 075SS-B | 100SS-B | 125SS-B | 150SS-B | 200SS-B | 300SS-B | 400SS-B |
| C | Female Coupler/Hose Shank | 050SS-C | 075SS-C | 100SS-C | 125SS-C | 150SS-C | 200SS-C | 300SS-C | 400SS-C |
| D | Female Coupler/Female Thread | 050SS-D | 075SS-D | 100SS-D | 125SS-D | 150SS-D | 200SS-D | 300SS-D | 400SS-D |
| E | Male Adaptor/Hose Shank | 050SS-E | 075SS-E | 100SS-E | 125SS-E | 150SS-E | 200SS-E | 300SS-E | 400SS-E |
| F | Male Adaptor/Male Thread | 050SS-F | 075SS-F | 100SS-F | 125SS-F | 150SS-F | 200SS-F | 300SS-F | 400SS-F |
| DC | Female Coupler Cap | 050SS-DC | 075SS-DC | 100SS-DC | 125SS-DC | 150SS-DC | 200SS-DC | 300SS-DC | 400SS-DC |
| DP | Male Adapter Plug | 050SS-DP | 075SS-DP | 100SS-DP | 125SS-DP | 150SS-DP | 200SS-DP | 300SS-DP | 400SS-DP |

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines.
To prevent accidental opening fully engage and secure handles prior to pressurizing.

***NOTE:*** Also available in 304SS—specify when ordering.

| Size | Operating Pressure |
|---|---|
| 1/2"-2" | 250 psi max @ 225° F |
| 3" | 200 psi max @ 225° F |




# Brass

Refer to stainless images above for each item.

## FEATURES

- Interchangeable with other couplers and adapters – manufactured to MIL-spec
- Buna-N gaskets furnished standard. EPDM and Viton® also available
- Chemical resistant to most acids (Refer to chemical resistance table for specific recommendation)

| ITEM | DESCRIPTION | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 3" |
|---|---|---|---|---|---|---|---|---|
| A | Male Adaptor/Female Thread | 050BR-A | 075BR-A | 100BR-A | 125BR-A | 150BR-A | 200BR-A | 300BR-A |
| B | Female Coupler/Male Thread | 050BR-B | 075BR-B | 100BR-B | 125BR-B | 150BR-B | 200BR-B | 300BR-B |
| C | Female Coupler/Hose Shank | 050BR-C | 075BR-C | 100BR-C | 125BR-C | 150BR-C | 200BR-C | 300BR-C |
| D | Female Coupler/Female Thread | 050BR-D | 075BR-D | 100BR-D | 125BR-D | 150BR-D | 200BR-D | 300BR-D |
| E | Male Adaptor/Hose Shank | 050BR-E | 075BR-E | 100BR-E | 125BR-E | 150BR-E | 200BR-E | 300BR-E |
| F | Male Adaptor/Male Thread | 050BR-F | 075BR-F | 100BR-F | 125BR-F | 150BR-F | 200BR-F | 300BR-F |
| DC | Female Coupler Cap | 050BR-DC | 075BR-DC | 100BR-DC | 125BR-DC | 150BR-DC | 200BR-DC | 300BR-DC |
| DP | Male Adapter Plug | 050BR-DP | 075BR-DP | 100BR-DP | 125BR-DP | 150BR-DP | 200BR-DP | 300BR-DP |

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines.
To prevent accidental opening fully engage and secure handles prior to pressurizing.

| Size | Operating Pressure |
|---|---|
| 1/2"-2" | 150 psi max @ 70° F |
| 3" | 75 psi max @ 70° F |

# Garden Hose Fittings

(A-B) Couplers and Adapters made from tough glass-reinforced nylon for strong, tough threads.

## GARDEN HOSE FITTINGS

| ITEM | DESCRIPTION | SIZE | PART NO. |
|---|---|---|---|
| A | Male Adapter/Female GHT | 3/4" | 075A-NGHT |
| B | Female Coupler/Male GHT | 3/4" | 075B-NGHT |
| C | Extender, MGHT x MPT | 3/4" x 1-1/4" | 40011 |
| D | Knurled Cap, FGHT | 3/4" | Nylon – N34<br>Polypro – 3-N34 |
| E | Washer | OD: 1", ID: 11/16" | Vinyl – W406V |
| F | Filter, 30/30 SS Mesh | OD: 1", ID: 5/8" | W160M |

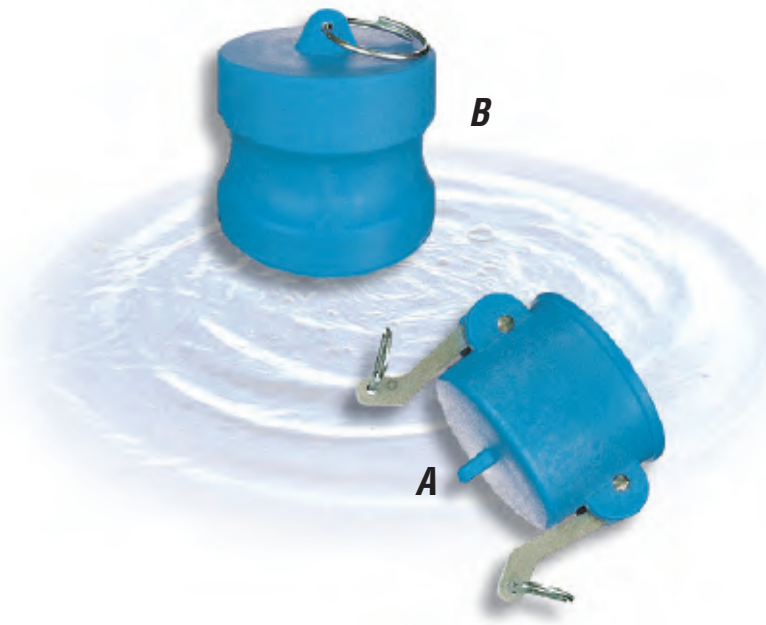
(C) Garden hose pump adapter made from glass-reinforced polypropylene for strong, chemical resistance performance.

(D) Garden hose knurled cap available in both nylon and polypropylene materials.

(E) Washer available in both polypropylene and vinyl materials.

(F) Filter

# Santoprene Dust Caps and Plugs




### *FEATURES*

- Low Cost
- Use to cap off pipes, keeps interior clean and dry
- Does not hold pressure
- Color options available
- Stainless steel arms, pins and rings standard

## DUST CAPS AND PLUGS

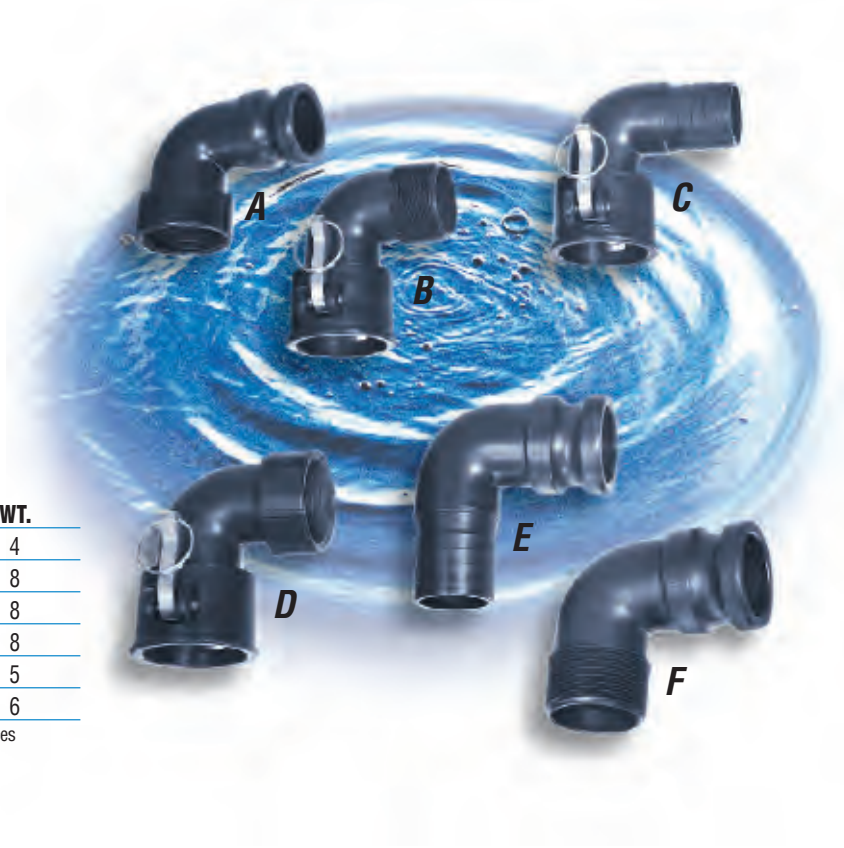
| ITEM | DESCRIPTION | PART NO. |
|---|---|---|
| A | 2" Female Coupler Cap | 200-DCS |
| A | 3" Female Coupler Cap | 300-DCS |
| B | 2" Male Adapter Plug | 200-DPS |
| B | 3" Male Adapter Plug | 300-DPS |

Operating Pressure 0 psi. Designed to protect mating fittings from damage.

# Polypropylene Elbow Couplers & Adapters

## FEATURES

- Manufactured from glass-reinforced polypropylene for stability, strength and toughness
- Chemical resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- EPDM gaskets furnished as standard. Buna-N, Viton® and Nitrile also available
- Interchangeable with other couplers and adapters
- All couplers feature stainless steel handles, rings & pins
- Temperature range from 10° F to 180° F




### 90° POLYPROPYLENE

| ITEM | DESCRIPTION | PART NO. | QTY. | WT. |
|---|---|---|---|---|
| A | 2" Adapter with Female Thread | 200A-90 | 10 | 4 |
| B | 2" Coupler with Male Thread | 200B-90 | 10 | 8 |
| C | 2" Coupler with Hose Shank | 200C-90 | 10 | 8 |
| D | 2" Coupler with Female Thread | 200D-90 | 10 | 8 |
| E | 2" Adapter with Hose Shank | 200F-90 | 10 | 5 |
| F | 2" Adapter with Male Thread | 200F-90 | 10 | 6 |

90° Cam couplers & adapters also available in Ny-Glass material – contact sales office for prices

Operating Pressure
125 psi max @ 70° F

# PVC Couplers & Adapters

## FEATURES

- Use with PVC pipe
- Easy to install
- Socket solvent weld (cement)
- Stainless steel handles, rings & pins
- EPDM gaskets standard
- Economical
- Weather & corrosion resistant

### PVC

| ITEM | DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" |
|---|---|---|---|---|---|---|---|---|
| X | PVC Cam Adapter | 050-X | 075-X | 100-X | 125-X | 150-X | 200-X | 300-X |
| | Std. Pkg. - Qty | 6 | 6 | 6 | 6 | 12 | 12 | 6 |
| | Std. Pkg. - Wt. | 1# | 1# | 1# | 1# | 4# | 4# | 5# |
| Y | PVC Cam Coupler | 050-Y | 075-Y | 100-Y | 125-Y | 150-Y | 200-Y | 300-Y |
| | Std. Pkg. - Qty | 6 | 6 | 6 | 6 | 12 | 12 | 6 |
| | Std. Pkg. - Wt. | 1# | 1# | 1# | 3# | 8# | 8# | 8# |

Ideal for low pressure pump connections such as sump, sewage & transfer pumps.
Max. recommended working temperature 140°F

| Size | Operating Pressure |
|---|---|
| 1/2"- 2" | 105 psi max @ 72° F |
| | 90 psi max @ 80° F |
| | 65 psi max @ 100° F |
| | 25 psi max @ 140° F |

| Size | Operating Pressure |
|---|---|
| 3" | 75 psi max @ 72° F |
| | 68 psi max @ 80° F |
| | 50 psi max @ 100° F |
| | 20 psi max @ 140° F |

***WARNING:*** Do not operate couplers under pressure or with liquid in the lines. To prevent accidental opening fully engage and secure handles prior to pressurizing.

# Hose Fittings

## Hose Nipples

- Sizes 1/2" - 4"
- Available in five materials for a full range of applications

### *MATERIALS*

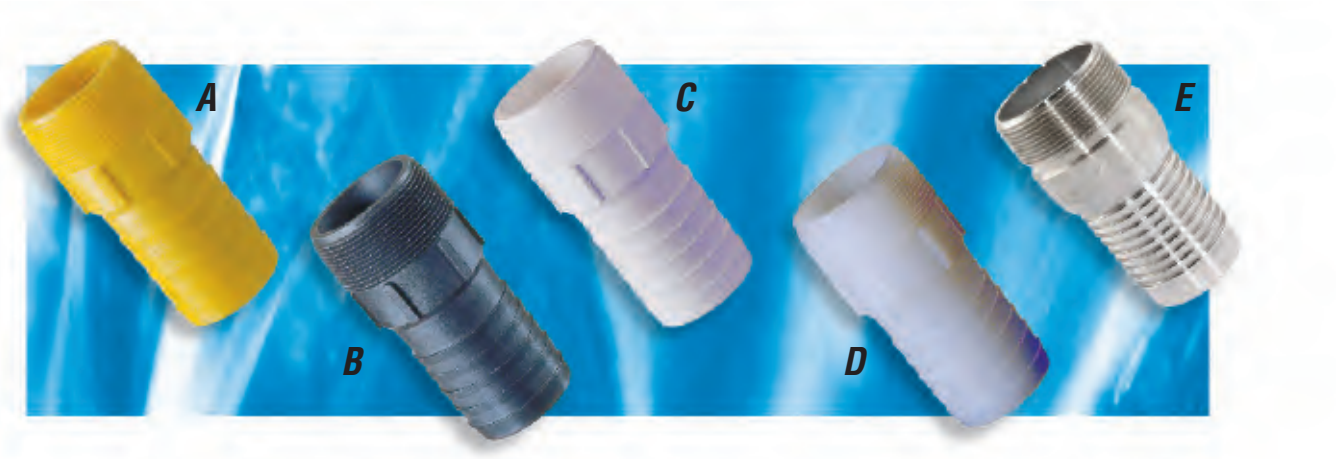
**Glass-filled Nylon (A)**
- Strong, lightweight
- Temperature range under normal conditions -30°F to 200°F

**Glass-filled Polypropylene (B)**
- Chemical resistant to most acids
- Temperature range under normal conditions 10°F to 180°F

**Food-Grade Filled Polypropylene (C)**
- FDA / NSF compliant
- Temperature range under normal conditions 10°F to 180°F

**Polyvinylidine Fluoride (PVDF) (D)**
- Strong and chemical resistant
- FDA / NSF compliant
- Temperature range under normal conditions -20°F to 300°F

**316 Stainless Steel (E)**
- Excellent chemical and corrosion resisitance
- Use for food service and processing
- Conductive




| ITEM | DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|---|
| A | Glass-filled Nylon | 050 HN-N | 075 HN-N | 100 HN-N | 125 HN-N | 150 HN-N | 200 HN-N | 300 HN-N | 400 HN-N |
| | Operating Pressure | 175 psi max | 175 psi max | 175 psi max | 150 psi max | 150 psi max | 150 psi max | 100 psi max | 50 psi max |
| B | Polypropylene | 050 HN-M | 075 HN-M | 100 HN-M | 125 HN-M | 150 HN-M | 200 HN-M | 300 HN-M | 400 HN-M |
| | Operating Pressure | 125 psi max | 125 psi max | 125 psi max | 100 psi max | 100 psi max | 100 psi max | 75 psi max | 50 psi max |
| C | Food-Grade | 050 HN-F | 075 HN-F | 100 HN-F | 125 HN-F | 150 HN-F | 200 HN-F | 300 HN-F | |
| | Operating Pressure | 125 psi max | 125 psi max | 125 psi max | 100 psi max | 100 psi max | 100 psi max | 50 psi max | |
| D | PVDF | 050 HN-V | 075 HN-V | 100 HN-V | 125 HN-V | 150 HN-V | 200 HN-V | 300 HN-V | |
| | Operating Pressure | 125 psi max | 125 psi max | 125 psi max | 100 psi max | 100 psi max | 100 psi max | 50 psi max | |
| E | 316 Stainless Steel | 050 HN-SS | 075 HN-SS | 100 HN-SS | 125 HN-SS | 150 HN-SS | 200 HN-SS | 300 HN-SS | 400 HN-SS |
| | Operating Pressure | 250 psi max | 250 psi max | 250 psi max | 250 psi max | 250 psi max | 250 psi max | 200 psi max | 200 psi max |

Various operating pressures given above at 70°F. However, maximum listed operating pressure must be adjusted to reflect hose manufacturers recommended temperatures and pressures.

# Elbow Fittings, Polypropylene

## FEATURES

- Precision molded
- Glass-reinforced polypropylene
- Interchangeable with standard cam lever couplings of all types

### ELBOW FITTINGS

| ITEM | DESCRIPTION | 3/4" | 1-1/2" | 2" |
|---|---|---|---|---|
| A | Adapter x FPT | 50013 | | |
| | Box Quantity | 25 | | |
| B | Adapter x MPT | 50012 | | |
| | Box Quantity | 25 | | |
| C | MPT x FPT | 50016 | 60013 | 70011 |
| | Box Quantity | 25 | 30 | 30 |
| D | MPT x MPT | 50014 | 60014 | 70012 |
| | Box Quantity | 25 | 30 | 30 |
| E | MPT x Hose Shank | 50015 | 60011 | 70013 |
| | Box Quantity | 25 | 30 | 30 |
| F | FPT x Hose Shank | | 60015 | |
| | Box Quantity | | 30 | |
| G | MPT x MPT Long-Neck | 50017 | | |
| | Box Quantity | 25 | | |

***NOTE:*** Glass-filled nylon also available, contact sales office.

125 psi max @ 70° F

# Adapters

## FEATURES

- Glass-reinforced polypropylene
- Excellent chemical resistance
- Temperature range 10°F to 180°F

### POLYPROPYLENE EXTENDERS

| ITEM | DESCRIPTION | 1-1/2"x1-1/4 | 2"x1-1/4" | 2"x1-1/2" | 1-1/4"x2" | 1-1/2"x2" | 1-1/4"x1-1/2" |
|---|---|---|---|---|---|---|---|
| A | Extender, British x MPT | 40001 | 40012 | 40002 | 40018 | 40019 | 40014 |
| A | Extender, FPT x MPT | 40003 | 40013 | 40004 | 40015 | 40016 | 40017 |

| ITEM | DESCRIPTION | 1-1/4"x 1-1/4" | 1-1/2"x 1-1/2" | 2"x 2" |
|---|---|---|---|---|
| B | Riser Extender, British x MPT | 40005 | 40006 | 40007 |
| B | Riser Extender, FPT x MPT | 40008 | 40009 | 40010 |

| ITEM | DESCRIPTION | 3/4"x 1-1/4" |
|---|---|---|
| C | Garden Hose, Thread MHT x MPT | 40011 |

***NOTE:*** Extenders and reducers are available in ABS, contact sales office.

125 psi max @ 70° F

# Schedule 80 Fittings, Polypropylene

## FEATURES

- Schedule 80 design
- Manufactured from glass-reinforced polypropylene for strength and durability
- Chemical resistant to most acids (Refer to chemical resistance tables for specific recommendation)
- Temperature range 10° F to180° F

### TEES

A

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| A | 3/8” | 70891 |
| A | 1/2” | 70800 |
| A | 3/4” | 70801 |
| A | 1” | 70802 |
| A | 1-1/4” | 70803 |
| A | 1-1/2” | 70804 |
| A | 2” | 70805 |
| A | 3” | 70806 |

### 90° PIPE ELBOWS

B

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| B | 3/8” | 70892 |
| B | 1/2” | 70807 |
| B | 3/4” | 70808 |
| B | 1” | 70809 |
| B | 1-1/4” | 70810 |
| B | 1-1/2” | 70811 |
| B | 2” | 70812 |
| B | 3” | 70813 |

### 90° STREET ELBOWS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| C | 3/8” | 70893 |
| C | 1/2” | 70814 |
| C | 3/4” | 70815 |
| C | 1” | 70816 |
| C | 1-1/4” | 70817 |
| C | 1-1/2” | 70818 |
| C | 2” | 70819 |
| C | 3” | 70820 |

C

### CROSSES

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| D | 3/4” | 70821 |
| D | 1” | 70822 |
| D | 1-1/4” | 70823 |
| D | 1-1/2” | 70824 |
| D | 2” | 70825 |

D



BEE VALVE INC.

# Schedule 80 Design

## PIPE NIPPLES

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| | 3/8" x Short | 70894 |
| | 1/2" x Short | 70826 |
| | 1/2" x 3" | 70827 |
| | 3/4" x Short | 70828 |
| E | 3/4" x 4" | 70829 |
| F | 3/4" x 6" | 70830 |
| | 1" x Short | 70831 |
| E | 1" x 4" | 70832 |
| F | 1" x 6" | 70833 |
| | 1-1/4" x Short | 70834 |
| E | 1-1/4"x 4" | 70835 |
| F | 1-1/4" x 6" | 70836 |
| | 1-1/2" x Short | 70837 |
| E | 1-1/2" x 4" | 70838 |
| F | 1-1/2" x 6" | 70839 |
| | 2" x Short | 70840 |
| E | 2" x 4" | 70841 |
| F | 2" x 6" | 70842 |
| | 3" x Short | 70843 |
| F | 3" x 6" | 70844 |
| | 4" x Short | 70895 |

*E*

*F*

## REDUCER BUSHINGS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| I | 3/8" x 1/4" | 70900 |
| I | 1/2" x 1/4" | 70851 |
| I | 1/2" x 3/8" | 70852 |
| I | 3/4" x 1/8" | 70853 |
| I | 3/4" x 1/4" | 70854 |
| I | 3/4" x 3/8" | 70855 |
| I | 3/4" x 1/2" | 70856 |
| I | 1" x 1/8" | 70857 |
| I | 1" x 1/4" | 70858 |
| I | 1" x 1/2" | 70859 |
| I | 1" x 3/4" | 70860 |
| I | 1-1/4" x 3/4" | 70861 |
| I | 1-1/4" x 1" | 70862 |
| I | 1-1/2" x 3/4" | 70863 |
| I | 1-1/2" x 1" | 70864 |
| I | 1-1/2" x 1-1/4" | 70865 |
| I | 2" x 3/4" | 70866 |
| I | 2" x 1" | 70867 |
| I | 2" x 1-1/4" | 70868 |
| I | 2" x 1-1/2" | 70869 |
| I | 3" x 1-1/2" | 70870 |
| I | 3" x 2" | 70871 |

*I*

## REDUCER NIPPLES

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| G | 1/2" x 3/8" | 70896 |
| G | 3/4" x 1/2" | 70845 |
| G | 1" x 1/2" | 70897 |
| G | 1" x 3/4" | 70846 |
| G | 1-1/4" x 1" | 70847 |
| G | 1-1/4" x 3/4" | 70898 |
| G | 1-1/2" x 1" | 70899 |
| G | 1-1/2" x 1-1/4" | 70848 |
| G | 2" x 1-1/2" | 70849 |
| G | 3" x 2" | 70850 |
| G | 4" x 3" | 72938 |

*G*

## PIPE CAPS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| J | 1/2" | 70901 |
| J | 3/4" | 70872 |
| J | 1" | 70873 |
| J | 1-1/4" | 70902 |
| J | 1-1/2" | 70874 |
| J | 2" | 70875 |
| J | 3" | 70876 |

*J*

## PIPE PLUGS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| H | 1/2" | 70884 |
| H | 3/4" | 70885 |
| H | 1" | 70886 |
| H | 1-1/4" | 70887 |
| H | 1-1/2" | 70888 |
| H | 2" | 70889 |
| H | 3" | 70890 |

*H*

## PIPE COUPLINGS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| K | 3/8" | 70903 |
| K | 1/2" | 70877 |
| K | 3/4" | 70878 |
| K | 1" | 70879 |
| K | 1-1/4" | 70880 |
| K | 1-1/2" | 70881 |
| K | 2" | 70882 |
| K | 3" | 70883 |

*K*

## 45° STREET ELBOWS

| ITEM | DESCRIPTION | PART NUMBER |
|---|---|---|
| L | 3/4" | 72907 |
| L | 1" | 72908 |
| L | 1-1/4" | 72909 |
| L | 1-1/2" | 72910 |
| L | 2" | 72911 |

*L*

Operating Pressure
120 psi max @ 0° F
150 psi max @ 70° F
80 psi max @ 150° F

# TANK ACCESSORIES

## Polypropylene Bolted Tank Fittings

### FEATURES

- Glass-reinforced polypropylene
- EPDM gaskets standard, Viton® available
- Recessed cap bolts
- Stainless steel bolts, washers, nuts

**POLYPROPYLENE BOLTED TANK FITTINGS**

| DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" |
|---|---|---|---|---|---|---|---|
| Full Port | 050-TF | 075-TF | 100-TF | 125-TF | 150-TF | 200F-TF | 250-TF |
| Replacement Gaskets | | | | | | | |
| EPDM | 24060-TF | 24160-TF | 24260-TF | 24360-TF | 24460-TF | 24560FP-TF | 24660-TF |
| Viton | 24060V-TF | 24160V-TF | 24260V-TF | 24360V-TF | 24460V-TF | 24560FPV-TF | 24660V-TF |

| DESCRIPTION | 2" | 3" |
|---|---|---|
| Standard Port | 200-TF | 300-TF |
| Replacement Gaskets | | |
| EPDM | 24560SP-TF | 24760-TF |
| Viton | 24560SPV-TF | 24760V-TF |

| Size | Operating Pressure |
|---|---|
| 1/2"-1" | 125 psi max @ 70° F |
| 11/4"-2" | 100 psi max @ 70° F |
| 3" | 75 psi max @ 70° F |

## Stainless Steel Bolted Tank Fittings

### FEATURES

- 316 stainless steel
- Bolts threaded into back plate no welds or bolt holes to leak
- Chemical resistant to most acids
- Uses single gasket (not included)
- EPDM, cross-linked Polyethylene and Viton® gaskets available

**STAINLESS STEEL BOLTED TANK FITTINGS**

| ITEM | DESCRIPTION | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" |
|---|---|---|---|---|---|---|
| A | Double threaded fitting (no gasket) | 63035 | 62948 | 63036 | 63037 | 63038 |

| ITEM | DESCRIPTION | 3" |
|---|---|---|
| B | Double threaded fitting (no gasket) | 63039 |

***NOTE:*** Gaskets must be ordered separately.
See page 29 for materials and part numbers.

# Bulkhead Fittings and Tank Accessories

## *FEATURES*

- Strong, glass-reinforced polypropylene
- Double threaded
- EPDM gaskets standard, Viton available

## Bulkhead Fittings

| Double Threaded Bulkhead Fitting | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" |
|---|---|---|---|---|---|---|---|
| Std bulkhead fitting w/nut and two (2) EPDM gaskets | 62834 | 60401 | 60427 | 60403 | 60124 | 60405 | 62299 |
| Optional Viton gaskets | 60360 | 60360 | 60361 | 60361 | 60523 | 60523 | 60351 |
| See page 29 for replacement gaskets | | | | | | | |
| Recommended hole size | 1-7/16" | 1-5/8" | 2-1/4" | 2-1/4" | 3" | 3" | 4-1/2" |

**2" Bulkhead w/Shiphon Tube Kit**
2" Heavy-duty bulkhead fitting w/nut and short siphon tube
EPDM gaskets standard
Part. No. 60337

**3" Bulkhead w/Shiphon Tube Kit**
3" Bulkhead fitting w/nut, 2" reducer and short siphon tube
EPDM gaskets standard
Part. No. 60339

## Accessories

**12" siphon Tube**

1-1/2" MPT -- Part No. ST63279
2" MPT -- Part No. ST 63262
3" MPT -- Part No. ST63263

**2" MPT Vent Cap Antivortex w/o screen**

Part No. VC200

**2" MPT Vent Cap Antivortex w/poly screen**

Part No. VC220

## Caps/Lids

**Pipe Cap, FPT, Polypropylene**

| | Gasket |
|---|---|
| 2" FPT -- Part No. 200PC-M | 200PL-G |
| 3" FPT -- Part No. 300PC-M | 300PL-G |
| 4" FPT -- Part No. 400PC-M | 400PL-G |

**2-1/2" Water Tank Cap w/3-way 3/4" FPT**

Part No. MP W100
Use with O-ring 4H056

**5" Tank Lid w/2" FPT, Polypropylene**

Part No. TL63264
See page 30 for gasket

# Hose Clamps

## T-Bolt Clamps

### FEATURES

- Manufactured from 304 stainless steel
- Strong, reliable positive connections
- Ideal for high torque applications
- 360 deg. Sealing surface
- Stainless steel bolt with silver plated nut to prevent seizing
- Nylon lock-nut feature

**T-BOLT CLAMPS**

| SIZE | DESCRIPTION | PART NO. |
|---|---|---|
| 1.625" - 1.812" | UTBC162, UPC Code 55106-2 | 43082000 |
| 1.75" - 1.937" | UTBC181, UPC Code 55107-9 | 43082002 |
| 1.875" - 2.062" | UTBC193, UPC Code 55109-3 | 43082004 |
| 2.25" - 2.737" | UTBC218, UPC Code 55110-9 | 43082008 |
| 2.343" - 2.625" | UTBC231, UPC Code 55111-6 | 43082012 |
| 2.531" - 2.812" | UTBC250, UPC Code 55112-3 | 43082016 |
| 2.906" - 3.187" | UTBC287, UPC Code 55113-0 | 43082020 |
| 3.281" - 3.562" | UTBC331, UPC Code 55116-1 | 43082024 |
| 3.531" - 3.812" | UTBC343, UPC Code 55117-8 | 43082026 |
| 4.281" - 4.562" | UTBC425, UPC Code 55118-5 | 43082030 |
| 4.531" - 4.812" | UTBC456, UPC Code 55119-2 | 43082032 |

## Flange Clamp for use with Manifold System

**WORM GEAR FLANGE FITTING CLAMPS**

| SIZE | PART NO. |
|---|---|
| 1" | 62932 |
| 2" | 62933 |
| 3" | 62934 |

# Worm Gear Clamps

### *FEATURES*

- SAE type "F" clamp
- 201 stainless steel band and housing
- Screws available in 410 stainless steel or Zinc plated carbon steel
- Suitable for most applications

## WORM GEAR CLAMPS

| SIZE | SCREW MATERIAL | PART NO. |
|---|---|---|
| 0.25" - 0.63" | 410 SS | MM4 SS |
| 0.25" - 0.63" | Zinc-Plated CS | MM4 |
| 0.31" - 0.91" | 410 SS | MM5 SS |
| 0.31" - 0.91" | Zinc-Plated CS | MM5 |
| 0.44" - 0.78" | 410 SS | H6 SS |
| 0.44" - 0.78" | Zinc-Plated CS | H6 |
| 0.44" - 0.91" | 410 SS | H8 SS |
| 0.44" - 0.91" | Zinc-Plated CS | H8 |
| 0.50" - 1.06" | 410 SS | MM10 SS |
| 0.50" - 1.06" | Zinc-Plated CS | MM10 |
| 0.56" - 1.06" | 410 SS | H10 SS |
| 0.56" - 1.06" | Zinc-Plated CS | H10 |
| 0.69" - 1.25" | 410 SS | H12 SS |
| 0.69" - 1.25" | Zinc-Plated CS | H12 |
| 0.75" - 1.50" | 410 SS | H16 SS |
| 0.75" - 1.50" | Zinc-Plated CS | H16 |
| 0.81" - 1.75" | 410 SS | H20 SS |
| 0.81" - 1.75" | Zinc-Plated CS | H20 |
| 1.06" - 2.00" | 410 SS | H24 SS |
| 1.06" - 2.00" | Zinc-Plated CS | H24 |
| 1.31" - 2.25" | 410 SS | H28 SS |
| 1.31" - 2.25" | Zinc-Plated CS | H28 |
| 1.56" - 2.50" | 410 SS | H32 SS |
| 1.56" - 2.50" | Zinc-Plated CS | H32 |
| 1.81" - 2.75" | 410 SS | H36 SS |
| 1.81" - 2.75" | Zinc-Plated CS | H36 |

| SIZE | SCREW MATERIAL | PART NO. |
|---|---|---|
| 2.06" - 3.00" | 410 SS | H40 SS |
| 2.06" - 3.00" | Zinc-Plated CS | H40 |
| 2.31" - 3.25" | 410 SS | H44 SS |
| 2.31" - 3.25" | Zinc-Plated CS | H44 |
| 2.56" - 3.50" | 410 SS | H48 SS |
| 2.56" - 3.50" | Zinc-Plated CS | H48 |
| 2.81" - 3.75" | 410 SS | H52 SS |
| 2.81" - 3.75" | Zinc-Plated CS | H52 |
| 3.06" - 4.00" | 410 SS | H56 SS |
| 3.06" - 4.00" | Zinc-Plated CS | H56 |
| 3.31" - 4.25" | 410 SS | H60 SS |
| 3.31" - 4.25" | Zinc-Plated CS | H60 |
| 3.56" - 4.50" | 410 SS | H64 SS |
| 3.56" - 4.50" | Zinc-Plated CS | H64 |
| 4.06" - 5.00" | 410 SS | H72 SS |
| 4.06" - 5.00" | Zinc-Plated CS | H72 |
| 4.56" - 5.50" | 410 SS | H80 SS |
| 4.56" - 5.50" | Zinc-Plated CS | H80 |
| 5.06" - 6.00" | 410 SS | H88 SS |
| 5.06" - 6.00" | Zinc-Plated CS | H88 |
| 5.56" - 6.50" | 410 SS | H96 SS |
| 5.56" - 6.50" | Zinc-Plated CS | H96 |
| 6.06" - 7.00" | 410 SS | H104 SS |
| 6.06" - 7.00" | Zinc-Plated CS | H104 |
| 6.81" - 7.75" | 410 SS | H116 SS |
| 6.81" - 7.75" | Zinc-Plated CS | H116 |

***Note:*** SS–Stainless Steel; CS–Carbon Steel

# GASKETS

## Stainless Steel Bolted Tank Fitting Original and Replacement Gaskets

### BOLTED STAINLESS STEEL TANK FITTING ORIGINAL AND REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 3/4" | Cross-Linked Polyethylene | 62950 |
| 1" | Cross-Linked Polyethylene | 62950 |
| 1-1/4" | Cross-Linked Polyethylene | 63041 |
| 1-1/2" | Cross-Linked Polyethylene | 63042 |
| 2" | Cross-Linked Polyethylene | 62848 |
| 3" | Cross-Linked Polyethylene | 63043 |
| 3/4" | EPDM | 63205 |
| 1" | EPDM | 63205 |
| 1-1/4" | EPDM | 63426 |
| 1-1/2" | EPDM | 63426 |
| 2" | EPDM | 63206 |
| 3" | EPDM | 63223 |
| 3/4" | Viton | 63224 |
| 1" | Viton | 63224 |
| 1-1/4" | Viton | 63225 |
| 1-1/2" | Viton | 63225 |
| 2" | Viton | 63225 |
| 3" | Viton | 63226 |

## Bolted Full Port Tank Fitting Replacement Gaskets

### BOLTED FULL PORT TANK FITTING REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 1/2" | EPDM | 24060-TF |
| 3/4" | EPDM | 24160-TF |
| 1" | EPDM | 24260-TF |
| 1-1/4" | EPDM | 24360-TF |
| 1-1/2" | EPDM | 24460-TF |
| 2" | EPDM | 24560FP-TF |
| 2-1/2" | EPDM | 24660-TF |
| 1/2" | Viton | 20460V-TF |
| 3/4" | Viton | 24160V-TF |
| 1" | Viton | 24260V-TF |
| 1-1/4" | Viton | 24360V-TF |
| 1-1/2" | Viton | 24460V-TF |
| 2" | Viton | 24560FPV-TF |
| 2-1/2" | Viton | 24660V-TF |

## Bolted Standard Port Tank Fitting Replacement Gaskets

### BOLTED STANDARD PORT TANK FITTING REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 2" | EPDM | 24560SP-TF |
| 3" | EPDM | 24760-TF |
| 2" | Viton | 24560SPV-TF |
| 3" | Viton | 24760V-TF |

## Bulkhead Fitting, Replacement Gasket

### BULKHEAD FITTING, REPLACEMENT GASKET

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 1/2" | EPDM | 60402 |
| 3/4" | EPDM | 60402 |
| 1" | EPDM | 60404 |
| 1-1/4" | EPDM | 60404 |
| 1-1/2" | EPDM | 60406 |
| 2" | EPDM | 60406 |
| 3" | EPDM | 60331 |
| 1/2" | Viton | 60360 |
| 3/4" | Viton | 60360 |
| 1" | Viton | 60361 |
| 1-1/4" | Viton | 60361 |
| 1-1/2" | Viton | 60523 |
| 2" | Viton | 60523 |
| 3" | Viton | 60351 |

# Fitting Gaskets for Manifold System

## FLANGE FITTING ORIGINAL AND REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 1" | EPDM | 62935 |
| 2" | EPDM | 61574 |
| 3" | EPDM | 61575 |

# Tank Lid Gasket

## TANK LID ORIGINAL AND REPLACEMENT GASKET

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 5" | EPDM | 60366 |

# Shims

### *FEATURES*

- Polyethylene Material
- Thickness .030”
- Coupler compatible

## SHIMS

| 3/4” | 1” | 1-1/2” | 2” | 3” | 4” |
|---|---|---|---|---|---|
| 075-GS | 100-GS | 150-GS | 200-GS | 300-GS | 400-GS |

# Cam Coupler Replacement Gaskets

## CAM COUPLER REPLACEMENT GASKETS

| SIZE | MATERIAL | PART NO. |
|---|---|---|
| 1/2" | BUNA | 24060B |
| 3/4" | BUNA | 24160B |
| 1" | BUNA | 24260B |
| 1-1/4" | BUNA | 24360B |
| 1-1/2" | BUNA | 24460B |
| 2" | BUNA | 24560B |
| 3" | BUNA | 24760B |
| 4" | BUNA | 24860B |
| 1/2" | EPDM | 24060 |
| 3/4" | EPDM | 24160 |
| 1" | EPDM | 24260 |
| 1-1/4" | EPDM | 24360 |
| 1-1/2" | EPDM | 24460 |
| 2" | EPDM | 24560 |
| 3" | EPDM | 24760 |
| 4" | EPDM | 24860 |
| 1/2" | Nitrile | 24060N |
| 3/4" | Nitrile | 24160N |
| 1" | Nitrile | 24260N |
| 1-1/4" | Nitrile | 24360N |
| 1-1/2" | Nitrile | 24460N |
| 2" | Nitrile | 24560N |
| 3" | Nitrile | 24760N |
| 4" | Nitrile | 24860N |
| 1/2" | Viton | 24060V |
| 3/4" | Viton | 24160V |
| 1" | Viton | 24260V |
| 1-1/4" | Viton | 24360V |
| 1-1/2" | Viton | 24460V |
| 2" | Viton | 24560V |
| 3" | Viton | 24760V |
| 4" | Viton | 24860V |

# Pipe, Hose and Nozzle Fittings

## *Manufactured from glass-reinforced polypropylene or nylon*

### HEX PLUG WITH MALE PIPE THREADS

| MPT | Nylon P/N | Poly P/N |
|---|---|---|
| 1/8 | F18 | 3-F18 |
| 1/4 | F14 | 3-F14 |
| 3/8 | F38 | 3-F38 |
| 1/2 | F12 | 3-F12 |
| 3/4 | F34 | 3-F34 |
| 1 | F100 | 3-F100 |
| 1-1/4 | F114 | 3-F114 |
| 1-1/2 | F112 | 3-F112 |
| 2 | F200 | 3-F200 |

### COUPLING: FEMALE PIPE THREADS

| FPT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/8 | FC18 | 3-FC18 |
| 1/4 | 1/8 | FC1418 | 3-FC1418 |
| 1/4 | 1/4 | FC14 | 3-FC14 |
| 3/8 | 1/8 | FC3818 | 3-FC3818 |
| 3/8 | 1/4 | FC3814 | 3-FC3814 |
| 3/8 | 3/8 | FC38 | 3-FC38 |
| 1/2 | 3/8 | FC1238 | 3-FC1238 |
| 1/2 | 1/2 | FC12 | 3-FC12 |
| 3/4 | 3/8 | FC3438 | 3-FC3438 |
| 3/4 | 1/2 | FC3412 | 3-FC3412 |
| 3/4 | 3/4 | FC34 | 3-FC34 |
| 1 | 1 | FC100 | 3-FC100 |
| 1-1/4 | 1-1/4 | FC114 | 3-FC114 |
| 1-1/2 | 1-1/2 | FC112 | 3-FC112 |
| 2 | 2 | FC200 | 3-FC200 |

### MALE PIPE THREADS TO HOSE BARB

| MPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 3/16 | A18316 | 3-A18316 |
| 1/8 | 1/4 | A1814 | 3-A1814 |
| 1/8 | 5/16 | A18516 | 3-A18516 |
| 1/8 | 3/8 | A1838 | 3-A1838 |

### MALE PIPE THREADS TO HOSE BARB (CONTINUED)

| MPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 3/16 | A14316 | 3-A14316 |
| 1/4 | 1/4 | A14 | 3-A14 |
| 1/4 | 5/16 | A14516 | 3-A14516 |
| 1/4 | 3/8 | A1438 | 3-A1438 |
| 1/4 | 1/2 | A1412 | 3-A1412 |
| 3/8 | 1/4 | A3814 | 3-A3814 |
| 3/8 | 5/16 | A38516 | 3-A38516 |
| 3/8 | 3/8 | A38 | 3-A38 |
| 3/8 | 1/2 | A3812 | 3-A3812 |
| 3/8 | 5/8 | A3858 | 3-A3858 |
| 1/2 | 1/4 | A1214 | 3-A1214 |
| 1/2 | 3/8 | A1238 | 3-A1238 |
| 1/2 | 1/2 | A12 | 3-A12 |
| 1/2 | 5/8 | A1258 | 3-A1258 |
| 1/2 | 3/4 | A1234 | 3-A1234 |
| 1/2 | 1 | A12100 | 3-A12100 |
| 3/4 | 1/4 | A3414 | 3-A3414 |
| 3/4 | 3/8 | A3438 | 3-A3438 |
| 3/4 | 1/2 | A3412 | 3-A3412 |
| 3/4 | 5/8 | A3458 | 3-A3458 |
| 3/4 | 3/4 | A34 | 3-A34 |
| 3/4 | 1 | A34100 | 3-A34100 |
| 1 | 1/4 | A10014 | 3-A10014 |
| 1 | 3/8 | A10038 | 3-A10038 |
| 1 | 1/2 | A10012 | 3-A10012 |
| 1 | 5/8 | A10058 | 3-A10058 |
| 1 | 3/4 | A10034 | 3-A10034 |
| 1 | 1 | A100 | 3-A100 |
| 1 | 1-1/4 | A100114 | 3-A100114 |
| 1-1/4 | 3/4 | A11434 | 3-A11434 |
| 1-1/4 | 1 | A114100 | 3-A114100 |
| 1-1/4 | 1-1/4 | A114 | 3-A114 |
| 1-1/4 | 1-1/2 | A114112 | 3-A114112 |
| 1-1/2 | 1-1/4 | A112114 | 3-A112114 |
| 1-1/2 | 1-1/2 | A112 | 3-A112 |
| 2 | 2 | A200 | 3-A200 |

## FEMALE PIPE THREAD TO HOSE BARB

| FPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/4 | A1814F | 3-A1814F |
| 1/8 | 3/8 | A1838F | 3-A1838F |
| 1/4 | 1/4 | A14F | 3-A14F |
| 1/4 | 3/8 | A1438F | 3-A1438F |
| 1/4 | 1/2 | A1412F | 3-A1412F |
| 1/4 | 5/8 | A1458F | 3-A1458F |
| 3/8 | 1/4 | A3814F | 3-A3814F |
| 3/8 | 3/8 | A38F | 3-A38F |
| 3/8 | 1/2 | A3812F | 3-A3812F |
| 3/8 | 5/8 | A3858F | 3-A3858F |
| 3/8 | 3/4 | A3834F | 3-A3834F |
| 1/2 | 1/4 | A1214F | 3-A1214F |
| 1/2 | 3/8 | A1238F | 3-A1238F |
| 1/2 | 1/2 | A12F | 3-A12F |
| 1/2 | 5/8 | A1258F | 3-A1258F |
| 1/2 | 3/4 | A1234F | 3-A1234F |
| 3/4 | 1/4 | A3414F | 3-A3414F |
| 3/4 | 3/8 | A3438F | 3-A3438F |
| 3/4 | 1/2 | A3412F | 3-A3412F |
| 3/4 | 5/8 | A3458F | 3-A3458F |
| 3/4 | 3/4 | A34F | 3-A34F |

## FEMALE PIPE THREAD TO "SLIP ON" HOSE BARB

| FPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 1/4 | Q14 | 3-Q14 |
| 1/2 | 1/2 | Q12 | 3-Q12 |

## ELBOW ADAPTER: HOSE BARB TO HOSE BARB

| HB | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 1/4 | EL14HB | 3-EL14HB |
| 3/8 | 3/8 | EL38HB | 3-EL38HB |
| 1/2 | 1/2 | EL12HB | 3-EL12HB |
| 5/8 | 5/8 | EL58HB | 3-EL58HB |
| 3/4 | 3/4 | EL34HB | 3-EL34HB |
| 1 | 1 | EL100HB | 3-EL100HB |

## ELBOW: MALE PIPE THREAD TO HOSE BARB

| MPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/4 | EL1814 | 3-EL1814 |
| 1/8 | 3/8 | EL1838 | 3-EL1838 |
| 1/4 | 3/16 | EL14316 | 3-EL14316 |
| 1/4 | 1/4 | EL14 | 3-EL14 |
| 1/4 | 5/16 | EL14516 | 3-EL14516 |
| 1/4 | 3/8 | EL1438 | 3-EL1438 |
| 1/4 | 1/2 | EL1412 | 3-EL1412 |
| 3/8 | 1/4 | EL3814 | 3-EL3814 |
| 3/8 | 5/16 | EL38516 | 3-EL38516 |
| 3/8 | 3/8 | EL38 | 3-EL38 |
| 3/8 | 1/2 | EL3812 | 3-EL3812 |
| 3/8 | 5/8 | EL3858 | 3-EL3858 |
| 1/2 | 1/4 | EL1214 | 3-EL1214 |
| 1/2 | 3/8 | EL1238 | 3-EL1238 |
| 1/2 | 1/2 | EL12 | 3-EL12 |
| 1/2 | 5/8 | EL1258 | 3-EL1258 |
| 1/2 | 3/4 | EL1234 | 3-EL1234 |
| 3/4 | 1/4 | EL3414 | 3-EL3414 |
| 3/4 | 3/8 | EL3438 | 3-EL3438 |
| 3/4 | 1/2 | EL3412 | 3-EL3412 |
| 3/4 | 5/8 | EL3458 | 3-EL3458 |
| 3/4 | 3/4 | EL34 | 3-EL34 |
| 3/4 | 1 | EL34100 | 3-EL34100 |
| 1 | 1/2 | EL10012 | 3-EL10012 |
| 1 | 3/4 | EL10034 | 3-EL10034 |
| 1 | 1 | EL100 | 3-EL100 |
| 1-1/4 | 1 | EL114100 | 3-EL114100 |
| 1-1/4 | 1-1/4 | EL114 | 3-EL114 |
| 1-1/2 | 1-1/2 | EL112 | 3-EL112 |
| 2 | 2 | EL200 | 3-EL200 |

Pressure rated to 150 psi @ 70°F
Temperature Range
– Polypropylene (10°F to 180°F)
– Nylon (-30°F to 200°F)

***Polyethylene fittings available contact sales office***

# Pipe, Hose and Nozzle Fittings cont.

## Manufactured from glass-reinforced polypropylene or nylon

### ELBOW: FEMALE PIPE THREAD TO HOSE BARB

| FPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 3/16 | EL18316F | 3-EL18316F |
| 1/8 | 1/4 | EL1814F | 3-EL1814F |
| 1/8 | 3/8 | EL1838F | 3-EL1838F |
| 1/4 | 3/16 | EL14316F | 3-EL14316F |
| 1/4 | 1/4 | EL14F | 3-EL14F |
| 1/4 | 3/8 | EL1438F | 3-EL1438F |
| 3/8 | 1/4 | EL3814F | 3-EL3814F |
| 3/8 | 3/8 | EL38F | 3-EL38F |
| 3/8 | 1/2 | EL3812F | 3-EL3812F |
| 1/2 | 1/4 | EL1214F | 3-EL1214F |
| 1/2 | 3/8 | EL1238F | 3-EL1238F |
| 1/2 | 1/2 | EL12F | 3-EL12F |
| 1/2 | 5/8 | EL1258F | 3-EL1258F |
| 3/4 | 3/8 | EL3438F | 3-EL3438F |
| 3/4 | 1/2 | EL3412F | 3-EL3412F |
| 3/4 | 5/8 | EL3458F | 3-EL3458F |
| 3/4 | 3/4 | EL34F | 3-EL34F |

### STREET ELBOW: 90 DEGREES

| MPT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/8 | SE18 | 3-SE18 |
| 1/4 | 1/4 | SE14 | 3-SE14 |
| 3/8 | 3/8 | SE38 | 3-SE38 |
| 1/2 | 1/2 | SE12 | 3-SE12 |
| 3/4 | 3/4 | SE34 | 3-SE34 |
| 1-1/2 | 1-1/2 | SE112 | 3-SE112 |
| 2 | 2 | SE200 | 3-SE200 |

### ELBOW: FEMALE PIPE THREAD TO FEMALE PIPE THREAD

| FPT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/2 | 1/2 | LL12 | 3-LL12 |
| 3/4 | 3/4 | LL34 | 3-LL34 |

### STREET ELBOW: 45 DEGREES

| MPT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/4 | SE3445 | 3-SE3445 |

### TEE: FEMALE PIPE THREAD

| FPT | FPT x FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 1/4 x 1/4 | TT14C* | 3-TT14C* |
| 1/4 | 1/4 x 1/4 | TT14 | 3-TT14 |

*center leg sealed

### BARBED TEE TO FEMALE PIPE THREAD

| FPT | HB x HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/4 x 3/4 | T34F | 3-T34F |
| 3/4 | 1-1/4 x 1-1/4 | T34114F | 3-T34114F |

### TEE: HOSE BARB TO HOSE BARB

| HB | HB x HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 1/4 x 1/4 | T14 | 3-T14 |
| 1/4 | 3/8 x 3/8 | T1438 | 3-T1438 |
| 3/8 | 3/8 x 3/8 | T38 | 3-T38 |
| 3/8 | 1/2 x 1/2 | T3812 | 3-T3812 |
| 3/8 | 5/8 x 5/8 | T3858 | 3-T3858 |
| 1/2 | 3/8 x 3/8 | T1238 | 3-T1238 |
| 1/2 | 1/2 x 1/2 | T12 | 3-T12 |
| 5/8 | 5/8 x 5/8 | T58 | 3-T58 |
| 3/4 | 1/2 x 1/2 | T3412 | 3-T3412 |
| 3/4 | 3/4 x 3/4 | T34 | 3-T34 |
| 1 | 1 x 1 | T100 | 3-T100 |
| 1-1/4 | 1-1/4 x 1-1/4 | T114 | 3-T114 |
| 1-1/2 | 1-1/2 x 1-1/2 | T112 | 3-T112 |
| 2 | 2 x 2 | T200 | 3-T200 |

### BARBED TEE TO MALE STRAIGHT THREAD

| MST | HB x HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16 | 3/8 x 3/8 | NTT38 | 3-NTT38 |
| 11/16 | 1/2 x 1/2 | NTT12 | 3-NTT12 |
| 11/16 | 5/8 x 5/8 | NTT58 | 3-NTT58 |
| 11/16 | 3/4 x 3/4 | NTT34 | 3-NTT34 |

## TEE: MALE PIPE THREAD TO HOSE BARBS

| MPT | HB x HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/4 x 1/4 | T1814T | 3-T1814T |
| 1/4 | 1/4 x 1/4 | T14T | 3-T14T |
| 1/4 | 3/8 x 3/8 | T1438T | 3-T1438T |
| 1/4 | 1/2 x 1/2 | T1412T | 3-T1412T |
| 3/8 | 1/4 x 1/4 | T3814T | 3-T3814T |
| 3/8 | 3/8 x 3/8 | T38T | 3-T38T |
| 3/8 | 1/2 x 1/2 | T3812T | 3-T3812T |
| 1/2 | 3/8 x 3/8 | T1238T | 3-T1238T |
| 1/2 | 1/2 x 1/2 | T12T | 3-T12T |
| 1/2 | 5/8 x 5/8 | T1258T | 3-T1258T |
| 1/2 | 3/4 x 3/4 | T1234T | 3-T1234T |
| 3/4 | 3/8 x 3/8 | T3438T | 3-T3438T |
| 3/4 | 1/2 x 1/2 | T3412T | 3-T3412T |
| 3/4 | 5/8 x 5/8 | T3458T | 3-T3458T |
| 3/4 | 3/4 x 3/4 | T34T | 3-T34T |

## NIPPLE: MALE PIPE THREAD TO MALE PIPE THREAD

| MPT | MPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/8 | 1/8 | M18 | 3-M18 |
| 1/4 | 1/8 | M1418 | 3-M1418 |
| 1/4 | 1/4 | M14 | 3-M14 |
| 3/8 | 1/8 | M3818 | 3-M3818 |
| 3/8 | 1/4 | M3814 | 3-M3814 |
| 3/8 | 3/8 | M38 | 3-M38 |
| 1/2 | 1/4 | M1214 | 3-M1214 |
| 1/2 | 3/8 | M1238 | 3-M1238 |
| 1/2 | 1/2 | M12 | 3-M12 |

Pressure rated to 150 psi @ 70°F
Temperature Range
– Polypropylene (10°F to 180°F)
– Nylon (-30°F to 200°F)

## NIPPLE: MALE PIPE THREAD TO MALE PIPE THREAD (continued)

| MPT | MPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/8 | M3438 | 3-M3438 |
| 3/4 | 1/2 | M3412 | 3-M3412 |
| 3/4 | 3/4 | M34 | 3-M34 |
| 1 | 1 | M100 | 3-M100 |
| 1-1/4 | 1-1/4 | M114 | 3-M114 |
| 1-1/2 | 1-1/2 | M112 | 3-M112 |
| 2 | 2 | M200 | 3-M200 |

## REDUCER BUSHING

| MPT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 1/8 | RB1418 | 3-RB1418 |
| 3/8 | 1/8 | RB3818 | 3-RB3818 |
| 3/8 | 1/4 | RB3814 | 3-RB3814 |
| 1/2 | 1/8 | RB1218 | 3-RB1218 |
| 1/2 | 1/4 | RB1214 | 3-RB1214 |
| 1/2 | 3/8 | RB1238 | 3-RB1238 |
| 3/4 | 1/8 | RB3418 | 3-RB3418 |
| 3/4 | 1/4 | RB3414 | 3-RB3414 |
| 3/4 | 3/8 | RB3438 | 3-RB3438 |
| 3/4 | 1/2 | RB3412 | 3-RB3412 |
| 1 | 1/2 | RB10012 | 3-RB10012 |
| 1 | 3/4 | RB10034 | 3-RB10034 |
| 1-1/4 | 3/4 | RB11434 | 3-RB11434 |
| 1-1/4 | 1 | RB114100 | 3-RB114100 |
| 1-1/2 | 3/4 | RB11234 | 3-RB11234 |
| 1-1/2 | 1 | RB112100 | 3-RB112100 |
| 1-1/2 | 1-1/4 | RB112114 | 3-RB112114 |
| 2 | 3/4 | RB20034 | 3-RB20034 |
| 2 | 1 | RB200100 | 3-RB200100 |
| 2 | 1-1/4 | RB200114 | 3-RB200114 |
| 2 | 1-1/2 | RB200112 | 3-RB200112 |

***Polyethylene fittings available contact sales office***

# Pipe, Hose and Nozzle Fittings cont.

## Manufactured from glass-reinforced polypropylene or nylon

### PIPE PLUG, SQUARE HEAD

| MPT | Nylon P/N | Poly P/N |
|---|---|---|
| 3/4 | SP34 | 3-SP34 |

### ELBOW: MALE STRAIGHT THREAD TO HOSE BARB

| MST | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16 | 1/4 | NTL14 | 3-NTL14 |
| 11/16 | 3/8 | NTL38 | 3-NTL38 |
| 11/16 | 1/2 | NTL12 | 3-NTL12 |
| 11/16 | 5/8 | NTL58 | 3-NTL58 |
| 11/16 | 3/4 | NTL34 | 3-NTL34 |

### CROSS HOSE BARBS TO MALE STRAIGHT THREAD

| MST | HBxHB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16 | 3/8's | T38C | 3-T38C |
| 11/16 | 1/2's | T12C | 3-T12C |
| 11/16 | 3/4's | T34C | 3-T34C |

### NIPPLE: MALE STRAIGHT THREAD TO MALE PIPE THREAD

| MST | MPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16 | 1/4 | NB1614 | 3-NB1614 |
| 11/16 | 1/2 | NB1612 | 3-NB1612 |

### ADAPTER: MALE GARDEN HOSE THREAD TO HOSE BARB

| MGHT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/4 | D3414 | 3-D3414 |
| 3/4 | 3/8 | D3438 | 3-D3438 |
| 3/4 | 1/2 | D3412 | 3-D3412 |
| 3/4 | 5/8 | D3458 | 3-D3458 |
| 3/4 | 3/4 | D34 | 3-D34 |

### ADAPTER: MALE GARDEN HOSE THREAD TO MALE PIPE THREAD

| MGHT | MPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/4 | E3414 | 3-E3414 |
| 3/4 | 3/8 | E3438 | 3-E3438 |
| 3/4 | 1/2 | E3412 | 3-E3412 |
| 3/4 | 3/4 | E34 | 3-E34 |
| 3/4 | 1 | E34100 | 3-E34100 |

### ADAPTER: MALE GARDEN HOSE THREAD TO FEMALE PIPE THREAD

| MGHT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/4 | G3414 | 3-G3414 |
| 3/4 | 1/2 | G3412 | 3-G3412 |
| 3/4 | 3/4 | G34 | 3-G34 |

### ADAPTER: FEMALE GARDEN HOSE THREAD TO MALE PIPE THREAD

| FGHT | MPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/4 | H34 | 3-H34 |

### ADAPTER: FEMALE GARDEN HOSE THREAD TO MALE GARDEN HOSE THREAD

| FGHT | MGHT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/4 | I34 | 3-I34 |

### ADAPTER: MALE PIPE THREAD TO FEMALE GARDEN HOSE THREAD SWIVEL

| MPT | Nylon P/N | Poly P/N |
|---|---|---|
| 3/8 | C38NPT | 3-C38NPT |
| 1/2 | C12NPT | 3-C12NPT |

## COUPLING: FEMALE GARDEN HOSE THREAD TO FEMALE PIPE THREAD

| FGHT | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/2 | J3412 | 3-J3412 |
| 3/4 | 3/4 | J3434 | 3-J3434 |

## ELBOW MALE GARDEN HOSE THREAD TO HOSE BARB

| MGHT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/4 | ELD3414 | 3-ELD3414 |
| 3/4 | 3/8 | ELD3438 | 3-ELD3438 |
| 3/4 | 1/2 | ELD3412 | 3-ELD3412 |
| 3/4 | 5/8 | ELD3458 | 3-ELD3458 |
| 3/4 | 3/4 | ELD34 | 3-ELD34 |
| 3/4 | 1 | ELD34100 | 3-ELD34100 |

## TEE: MALE GARDEN HOSE THREAD TO HOSE BARB

| MGHT | HBxHB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 3/8 x 3/8 | TD3438 | 3-TD3438 |
| 3/4 | 1/2 x 1/2 | TD3412 | 3-TD3412 |
| 3/4 | 5/8 x 5/8 | TD3458 | 3-TD3458 |
| 3/4 | 3/4 x 3/4 | TD3434 | 3-TD3434 |

## FLAT SEAT HOSE BARB

| HB | Nylon P/N | Poly P/N |
|---|---|---|
| 1/4 | C14 | 3-C14 |
| 3/8 | C38 | 3-C38 |
| 1/2 | C12 | 3-C12 |
| 5/8 | C58 | 3-C58 |
| 3/4 | C34 | 3-C34 |
| 1 | C100 | 3-C100 |

Pressure rated to 150 psi @ 70°F
Temperature Range
– Polypropylene (10°F to 180°F)
– Nylon (-30°F to 200°F)

## ELBOW: FEMALE PIPE THREAD TO SHORT HOSE BARB

| MPT | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/2 | EL3412SF | 3-EL3412SF |
| 3/4 | 5/8 | EL3458SF | 3-EL3458SF |
| 3/4 | 3/4 | EL3434SF | 3-EL3434SF |

## MENDER: HOSE BARB TO HOSE BARB W/STOP

| HB | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4" | 1/4" | SHM14 | 3-SHM14 |
| 3/8" | 3/8" | SHM38 | 3-SHM38 |
| 1/2" | 3/8" | SHM1238 | 3-SHM1238 |
| 1/2" | 1/2" | SHM12 | 3-SHM12 |
| 1/2" | 5/8" | SHM1258 | 3-SHM1258 |
| 5/8" | 3/8" | SHM5838 | 3-SHM5838 |
| 5/8" | 5/8" | SHM58 | 3-SHM58 |
| 3/4" | 3/4" | SHM34 | 3-SHM34 |
| 1" | 1" | SHM100 | 3-SHM100 |
| 1-1/4" | 1-1/4" | SHM114 | 3-SHM114 |
| 1-1/2" | 1-1/2" | SHM112 | 3-SHM112 |
| 2" | 2" | SHM200 | 3-SHM200 |

## MENDER: HOSE BARB TO HOSE BARB W/O STOP

| HB | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4" | 3/16" | HM14316 | 3-HM14316 |
| 1/4" | 1/4" | HM14 | 3-HM14 |
| 3/8" | 1/4" | HM3814 | 3-HM3814 |
| 3/8" | 3/8" | HM38 | 3-HM38 |
| 5/16" | 5/16" | HM516 | 3-HM516 |
| 1/2" | 1/4" | HM1214 | 3-HM1214 |
| 1/2" | 3/8" | HM1238 | 3-HM1238 |
| 1/2" | 1/2" | HM12 | 3-HM12 |
| 5/8" | 5/16" | HM58516 | 3-HM58516 |
| 5/8" | 3/8" | HM5838 | 3-HM5838 |
| 5/8" | 1/2" | HM5812 | 3-HM5812 |
| 5/8" | 5/8" | HM58 | 3-HM58 |

***Polyethylene fittings available contact sales office***

# Pipe, Hose and Nozzle Fittings cont.

## Manufactured from glass-reinforced polypropylene or nylon

### SWIVEL NUT

| FST | Outlet | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16-16UN | 1/2 | 8027 | 3-8027 |

Use with 8400 series

### HEX SWIVEL NUT

| FPS | Outlet | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1-11-1/2GH | 1-1/16 | B100 | 3-B100 |

Use with C100 series hose barb

### KNURLED SWIVEL NUT

| FGHT | Outlet | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4-11-1/2 | 27/32 | B34 | 3-B34 |
| 3/4-14 | 27/32 | B35 | 3-B35 |

### KNURLED SWIVEL CAP

| FST | Outlet | Nylon P/N | Poly P/N |
|---|---|---|---|
| 3/4 | 1/2 | B3412 | 3-3412 |
| 3/4 | 5/8 | B3458 | 3-3458 |

### KNURLED CAP

| FGHT | Nylon P/N | Poly P/N |
|---|---|---|
| 3/4--11-1/2GH | N34 | 3-N34 |
| 3/4--14FPS | N35 | 3-N35 |

| FST | Nylon P/N | Poly P/N |
|---|---|---|
| 11/16-16UN | 3942 | 3-3942 |

### WASHER

| OD | ID | Material | P/N |
|---|---|---|---|
| 1 | 11/16 | Vinyl | W406V |

### ELBOW REDUCER: HOSE BARB TO HOSE BARB

| HB | HB | Nylon P/N | Poly P/N |
|---|---|---|---|
| 1/4 | 3/8 | EL3814HB | 3-EL3814HB |
| 1/4 | 1/2 | EL1214HB | 3-EL1214HB |
| 1/2 | 3/8 | EL1238HB | 3-EL1238HB |
| 3/4 | 5/8 | EL3458HB | 3-EL3458HB |

### MALE STRAIGHT THREAD TO HOSE BARB

| MST | HB | Nylon P/N | Poly p/n |
|---|---|---|---|
| 11/16-16UN | 3/8 | 38D | 3-38D |
| 11/16-16UN | 1/2 | 3812D | 3-3812D |

### BARBED NOZZLE FITTING

| HB | Nylon P/N | Poly P/N |
|---|---|---|
| 1/4 | K8414 | 3-K8414 |
| 3/8 | K8438 | 3-K8438 |
| 1/2 | K8412 | 3-K8412 |

Use with 8027 series swivel nut

### COUPLING: FEMALE PIPE THREAD TO FEMALE STRAIGHT THREAD

| FST | FPT | Nylon P/N | Poly P/N |
|---|---|---|---|
| 11/16-16UN | 1/4 | NF1614 | 3-NF1614 |

### NOZZLE NUT

| FST | Nylon P/N | Poly P/N |
|---|---|---|
| 11/16-16UN | B12 | 3-B12 |

### Filter Screen

| OD | ID | Material | P/N |
|---|---|---|---|
| 1 | 5/8 | 30/30 SS | W160M |

Pressure rated to 150 psi @ 70°F
Temperature Range
- Polypropylene (10°F to 180°F)
- Nylon (-30°F to 200°F)

### Thread Code

| | | | | | |
|---|---|---|---|---|---|
| **FST** | – | Female Straight | **MST** | – | Male Straight |
| **FPS** | – | Female Pipe Straight | **UN** | – | Unified National |
| **MGHT** | – | Male Garden Hose | **NPT** | – | National Pipe Tapered |
| **FGHT** | – | Female Garden Hose | **FPT** | – | Female Pipe Tapered |
| **HB** | – | Hose Barb | | | |

## Polyethylene fittings available contact sales office

# Push-In Tube Fittings

## FEATURES
- FDA / NSF compliant
- Quick and easy to use and re-use
- Resists inorganic chemicals, oils, fats, and synthetic detergents

## USE WITH (TUBE)
- Polyethylene
- Polypropylene
- Polyurethane
- Nylon

## MATERIALS
- Fitting—Acetal copolymer (grey)
- O-ring—Nitrile rubber

## APPLICATIONS
- Water conditioning
- Dispensing equipment
- Agricultural
- Industrial & vacuum systems

### ADAPTER, FEMALE NPTF THREAD

| Tube, OD | Thread, FPT | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/8" | AFA0402 |
| 1/4" | 1/4" | AFA0404 |
| 3/8" | 1/4" | AFA0604 |

### CONNECTOR, MALE NTPF THREAD

| Tube, OD | Thread, FPT | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/8" | AMC0402 |
| 1/4" | 1/4" | AMC0404 |
| 1/4" | 3/8" | AMC0406 |
| 3/8" | 1/8" | AMC0602 |
| 3/8" | 1/4" | AMC0604 |
| 3/8" | 3/8" | AMC0606 |
| 3/8" | 1/2" | AMC0607 |
| 1/2" | 3/8" | AMC0706 |
| 1/2" | 1/2" | AMC0707 |

### CONNECTOR, STRAIGHT

| Stem | Barb | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/4" | ATBC0404 |
| 3/8" | 3/8" | ATBC0606 |
| 1/2" | 1/2" | ATBC0707 |

### ELBOW, MALE NPTF THREAD

| Tube, OD | Thread, FPT | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/8" | AME0402 |
| 1/4" | 1/4" | AME0404 |
| 1/4" | 3/8" | AME0406 |
| 3/8" | 1/4" | AME0604 |
| 3/8" | 3/8" | AME0606 |
| 1/2" | 3/8" | AME0706 |
| 1/2" | 1/2" | AME0707 |

### ELBOW, MALE SWIVEL NPTF THREAD

| Tube, OD | Thread, FPT | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/8" | AMES0402 |
| 1/4" | 1/4" | AMES0404 |
| 3/8" | 1/4" | AMES0604 |
| 3/8" | 3/8" | AMES0606 |
| 1/2" | 3/8" | AMES0706 |
| 1/2" | 1/2" | AMES0707 |

### ELBOW, UNION

| Tube, OD | Tube, OD | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/4" | AEU0404 |
| 3/8" | 1/4" | AEU0604 |
| 3/8" | 3/8" | AEU0606 |
| 1/2" | 3/8" | AEU0706 |
| 1/2" | 1/2" | AEU0707 |

### UNION CONNECTOR

| Tube, OD | Tube, OD | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/4" | AUC0404 |
| 3/8" | 1/4" | AUC0604 |
| 3/8" | 3/8" | AUC0606 |
| 1/2" | 3/8" | AUC0706 |
| 1/2" | 1/2" | AUC0707 |

### UNION TEE

| Tube OD Run | Tube OD Branch | Mfg. Part No. |
|---|---|---|
| 1/4" | 1/4" | ATU040404 |
| 3/8" | 1/4" | ATU060604 |
| 3/8" | 3/8" | ATU060606 |
| 1/2" | 3/8" | ATU070706 |
| 1/2" | 1/2" | ATU070707 |

Pressure maximum 170 psi @ 72°F
Temperature range -20°F to 185°F

Additional sizes and configurations, as well as material, including polyproylene, are available contact sales office for more information.

# QUICK COUPLING CONNECTORS

New

**40AC Series** 40AC Series connectors offer 1/4" flow capacity and are manufactured in a high performance natural white, **acetal** material. Connector materials are resistant to most chemicals and are included on FDA & NSF GRAS lists. Temperature range -40°F to 180°F. Maximum pressure 120 psi.

**40CB Series** 40CB Series connectors offer 1/4" flow capacity and are manufactured from **chrome plated brass.** 40CB Series connectors are available with internal shut-off valves or straight through configurations. 40CB connectors are very durable and offer high performance ratings. Temperature range -40°F to 120°F. Maximum pressure 250 psi.

*40AC and 40CB couplings interconnect with each other and are compatible with other 1/4" flow, metal latch and spring connectors.*

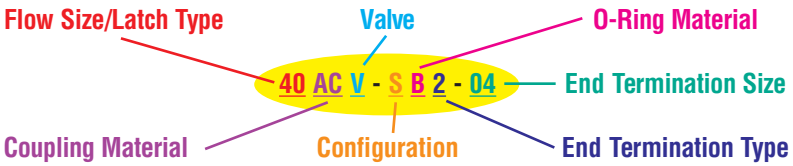
**50AC Series** 50AC Series connectors offer 1/4" flow capacity and feature an easy to use plastic thumb latch. These connectors are manufactured in a high performance natural white, **acetal** material. They are available with or without internal shut-off valves. The connector materials are resistant to most chemicals and are included on FDA & NSF GRAS lists. 50AC and 50GP couplings interconnect with each other and are compatible with other 1/4" flow, plastic latch-type connectors. Temperature range -40°F to 180°F. Maximum pressure 120 psi.

**50GP Series** 50GP Series connectors offer 1/4" flow capacity, are manufactured from a high performance glass-filled, pure white **polypropylene**, and are designed for applications that require extra durability. Connector materials are included on FDA & NSF GRAS lists and incorporates excellent chemical resistance properties. Temperature range 32°F to 180°F. Maximum pressure 120 psi.

*50AC and 50GP couplings interconnect with each other and are compatible with other 1/4" flow, plastic latch and spring connectors.*

**65GP Series** 65GP Series connectors offer 1/2" flow capacity and are manufactured from a high performance glass-filled, pure white **polypropylene**, which is included on FDA & NSF GRAS lists. 65GP connectors have a full flow, non-valved, smooth internal bore that allows for maximum flow with minimal turbulence. 65GP connectors are extremely durable and are well suited for applications that require chemical resistance. Temperature range 32°F to 180°F. Maximum pressure 120 psi.

*65GP Series connectors are compatible with other 1/2" flow, plastic latch and spring connectors.*




## PART NUMBER GUIDE

| Flow Size/ Latch Type | Coupling Material | Valve | Configuration | O-Ring Material | End Termination Type | End Termination Size |
|---|---|---|---|---|---|---|
| 40 = 1/4 flow | AC = Acetal | V = Valved | S = Socket | B = Buna-N | 1 = Male Thread MNPT | 04 = 1/4 |
| | | | | | | |
| 50 = 1/4 flow (plastic latch) | CB = Chrome/Brass | Default is non-valved | P = Plug | V = Viton | 2 = In-line Hose Barb | 06 = 3/8 |
| | | | | | | |
| 65 = 1/2 flow (plastic latch) | GP = Glass Filled Polypropylene | | | | 4 = Elbow Hose Barb | 08 = 1/2 |
| | | | | | 5 = Single Hose Barb | |
| | | | | | 7 = Single HB Elbow | |
| | | | | | 9 = In-line Poly Tube Fitting | |
| | | | | | 10 = Elbow Poly Tube Fitting | |

## MALE THREAD SOCKET

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Acetal | 1/4" MNPT | 40AC-S1-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" MNPT | 40AC-S1-06 |
| 1/4" Flow | Valved | Acetal | 1/4" MNPT | 40ACV-SB1-04 |
| 1/4" Flow | Valved | Acetal | 3/8" MNPT | 40ACV-SB1-06 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" MNPT | 50AC-S1-04 |
| 1/4" Flow | Valved | Acetal | 1/4" MNPT | 50ACV-SB1-04 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 1/4" MNPT | 50GP-S1-04 |

## IN-LINE SOCKET

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Acetal | 1/4" PTF | 40AC-S9-04 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 40AC-S2-04 |
| 1/4" Flow | Non-Valved | Acetal | 5/16" HB | 40AC-S2-05 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 40AC-S2-06 |
| 1/4" Flow | Valved | Acetal | 1/4" PTF | 40ACV-SB9-04 |
| 1/4" Flow | Valved | Acetal | 1/4" HB | 40ACV-SB2-04 |
| 1/4" Flow | Valved | Acetal | 5/16" HB | 40ACV-SB2-05 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 40ACV-SB2-06 |
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 1/4" HB | 40CB-S2-04 |
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 5/16" HB | 40CB-S2-05 |
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 3/8" HB | 40CB-S2-06 |
| 1/4" Flow | Valved | Chrome Plated Brass | 1/4" HB | 40CBV-SB2-04 |
| 1/4" Flow | Valved | Chrome Plated Brass | 5/16" HB | 40CBV-SB2-05 |
| 1/4" Flow | Valved | Chrome Plated Brass | 3/8" HB | 40CBV-SB2-06 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" PTF | 50AC-S9-04-LB |
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 50AC-S2-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 50AC-S2-06 |
| 1/4" Flow | Valved | Acetal | 1/4" PTF | 50ACV-SB9-04 |
| 1/4" Flow | Valved | Acetal | 1/4" HB | 50ACV-SB2-04 |
| 1/4" Flow | Valved | Acetal | 5/16" HB | 50ACV-SB2-05 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 50ACV-SB2-06 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 1/4" HB | 50GP-S5-04 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 3/8" HB | 50GP-S5-06 |
| 1/4" Flow | Valved | Glass-Filled Polypropylene | 3/8" HB | 50GPV-SE5-06 |
| 1/2" Flow | Non-Valved | Glass-Filled Polypropylene | 3/4" HB | 65GP-S2-12 |

40AC & 40CB Series  50AC & 50GP Series  65GP Series

Bee Valve Inc.

# Quick Coupling Connectors cont.

## ELBOW SOCKET

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 3/8" HB | 50GP-S7-06 |

## MALE THREAD PLUG

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Acetal | 1/4" MNPT | 40AC-PB1-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" MNPT | 40AC-PB1-06 |
| 1/4" Flow | Valved | Acetal | 1/4" MNPT | 40ACV-PB1-04 |
| 1/4" Flow | Valved | Acetal | 3/8" MNPT | 40ACV-PB1-06 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" MNPT | 50AC-PB1-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" NPT | 50AC-PB1-06 |
| 1/4" Flow | Valved | Acetal | 1/4" MNPT | 50ACV-PB1-04 |
| 1/4" Flow | Valved | Acetal | 3/8" MNPT | 50ACV-PB1-06 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 1/4" MNPT | 50GP-PE1-04 |
| 1/2" Flow | Non-Valved | Glass-Filled Polypropylene | 1/2" MNPT | 65GP-PE1-08 |

## IN-LINE PLUG



| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Acetal | 1/4" PTF | 40AC-PB9-04 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 40AC-PB2-04 |
| 1/4" Flow | Non-Valved | Acetal | 5/16" HB | 40AC-PB2-05 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 40AC-PB2-06 |
| 1/4" Flow | Valved | Acetal | 1/4" PTF | 40ACV-PB9-04 |
| 1/4" Flow | Valved | Acetal | 1/4" HB | 40ACV-PB2-04 |
| 1/4" Flow | Valved | Acetal | 5/16" HB | 40ACV-PB2-05 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 40ACV-PB2-06 |

40AC & 40CB Series  50AC & 50GP Series  65GP Series

## IN-LINE PLUG CONTINUED

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 1/4" HB | 40CB-PB2-04 |
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 5/16" HB | 40CB-PB2-05 |
| 1/4" Flow | Non-Valved | Chrome Plated Brass | 3/8" HB | 40CB-PB2-06 |
| 1/4" Flow | Valved | Chrome Plated Brass | 1/4" HB | 40CBV-PB2-04 |
| 1/4" Flow | Valved | Chrome Plated Brass | 5/16" HB | 40CBV-PB2-05 |
| 1/4" Flow | Valved | Chrome Plated Brass | 3/8" HB | 40CBV-PB2-06 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" PTF | 50AC-PB9-04 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 50AC-PB2-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 50AC-PB2-06 |
| 1/4" Flow | Valved | Acetal | 1/4" PTF | 50ACV-PB9-04 |
| 1/4" Flow | Valved | Acetal | 1/4" HB | 50ACV-PB2-04 |
| 1/4" Flow | Valved | Acetal | 5/16" HB | 50ACV-PB2-05 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 50ACV-PB2-06 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 1/4" HB | 50GP-PE5-04 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 3/8" HB | 50GP-PE5-06 |
| 1/2" Flow | Non-Valved | Glass-Filled Polypropylene | 3/4" HB | 65GP-PE2-08 |

## ELBOW PLUG

| FLOW CAPACITY | DESCRIPTION | MATERIAL | CONNECTION SIZE | PART NO. |
|---|---|---|---|---|
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 40AC-PB4-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 40AC-PB4-06 |
| 1/4" Flow | Valved | Acetal | 1/4" HB | 40ACV-PB4-04 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 40ACV-PB4-06 |
| 1/4" Flow | Non-Valved | Acetal | 1/4" HB | 50AC-PB4-04 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" HB | 50AC-PB4-06 |
| 1/4" Flow | Non-Valved | Acetal | 3/8" PTF | 50AC-PB10-06 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 50ACV-PB4-06 |
| 1/4" Flow | Valved | Acetal | 3/8" HB | 50ACV-PB4-06 |
| 1/4" Flow | Valved | Acetal | 3/8" PTF | 50ACV-PB10-06 |
| 1/4" Flow | Non-Valved | Glass-Filled Polypropylene | 3/8" HB | 50GP-PE7-06 |

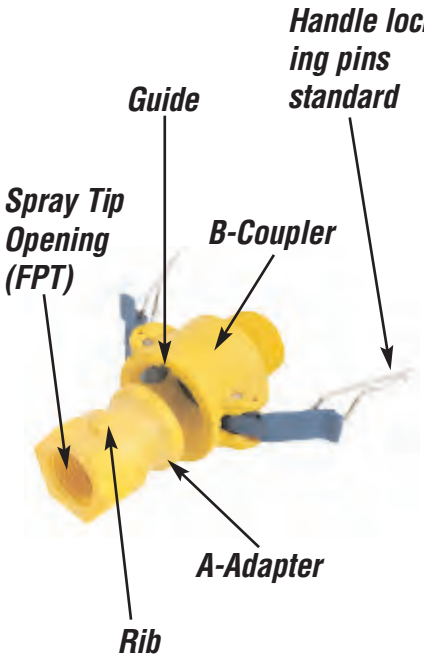
40AC & 40CB Series | 50AC & 50GP Series | 65GP Series

# SPRAYER COMPONENTS

## Guide Lock

### FEATURES

- Guide-rib system provides simple nozzle angle repeatability
- Available in single and double self-aligning ribs
- Glass-reinforced Nylon, extra tough
- Fast, easy to use method for spray nozzle changes
- Strong long lasting threads--no cross-threading
- Coupler available in two sizes (3/4", 1") for typical spray boom mounting
- Male adapter available in four sizes (1/4", 3/8", 1/2", 3/4") fitting all spray nozzles
- Nylon and stainless steel handles available with locking pins
- EPDM gaskets standard on couplers
- Chemical resistant



F-Adapter

D-Coupler

### DOUBLE RIB GUIDE LOCK

| STYLE | MALE ADAPTER | SPRAY NOZZLE THREADED OPENING (FPT) | PART NO. |
|---|---|---|---|
| A | 3/4" | 1/4" | 075A025-2GL-N |
| A | 3/4" | 3/8" | 075A037-2GL-N |
| A | 3/4" | 1/2" | 075A050-2GL-N |
| A | 3/4" | 3/4" | 075A-2GL-N |
| A | 1" | 1/4" | 100A025-2GL-N |
| A | 1" | 3/8" | 100A037-2GL-N |
| A | 1" | 1/2" | 100A050-2GL-N |
| A | 1" | 3/4" | 100A075-2GL-N |
| A | 1" | 1" | 100A-2GL-N |

| STYLE | FEMALE COUPLER | FEMALE THREAD | PART NO. |
|---|---|---|---|
| B | 3/4" | 3/4" | 075B-2GL-N |
| B | 1" | 1" | 100B-2GL-N |

### SINGLE RIB GUIDE LOCK

| STYLE | MALE ADAPTER | SPRAY NOZZLE THREADED OPENING (FPT) | PART NO. |
|---|---|---|---|
| A | 3/4" | 1/4" | 075A025-GL-N |
| A | 3/4" | 3/8" | 075A037-GL-N |
| A | 3/4" | 1/2" | 075A050-GL-N |
| A | 3/4" | 3/4" | 075A-GL-N |
| A | 1" | 1/4" | 100A025-GL-N |
| A | 1" | 3/4" | 100A075-GL-N |
| A | 1" | 1" | 100A-GL-N |

| STYLE | MALE ADAPTER | MALE THREAD | PART NO. |
|---|---|---|---|
| F | 3/4" | 3/4" | 075F-GL-N |
| | | (Suitable for accessory mounting to spray boom.) | |

| STYLE | FEMALE COUPLER | MALE THREAD | PART NO. |
|---|---|---|---|
| B | 3/4" | 3/4" | 075B-GL-N |
| B | 1" | 1" | 100B-GL-N |

| STYLE | FEMALE COUPLER | FEMALE THREAD | PART NO. |
|---|---|---|---|
| D | 3/4" | 3/4" | 075D-GL-N |
| D | 3/4" | 1" | 075D100-GL-N |

*FOR OTHER MATERIALS CONTACT SALES OFFICE*

## FEATURES

- Single or double nozzle tips available
- For Strip or Dribble nozzle applications
- Barb tip for use with 1/2" ID hose
- Glass-reinforced nylon for abrasion resistance and long life
- Imprinted nozzle size on tip for easy identification
- Compatible with all 3/4" B & D couplers

## SINGLE NOZZLE APPLICATION CHART

| | | | | Gallons per acre--water based on 20" spacing | | | | |
|---|---|---|---|---|---|---|---|---|
| **Part Number** | **Nozzle Description** | **PSI** | **GPM per Nozzle** | **5 MPH** | **7.5 MPH** | **10 MPH** | **12.5 MPH** | **15 MPH** |
| | | 10 | 1.5 | 89 | 59 | 45 | 36 | 30 |
| 075SJN-030 | Orifice | 20 | 2.0 | 118 | 79 | 59 | 48 | 40 |
| | Dia. 9/64" | 30 | 2.6 | 154 | 103 | 77 | 62 | 51 |
| | | 40 | 3.0 | 178 | 119 | 89 | 71 | 59 |
| | | 10 | 2.0 | 118 | 79 | 59 | 48 | 40 |
| 075SJN-040 | Orifice | 20 | 2.8 | 166 | 111 | 83 | 67 | 55 |
| | Dia. 5/32" | 30 | 3.5 | 208 | 139 | 104 | 83 | 69 |
| | | 40 | 4.0 | 238 | 158 | 119 | 95 | 79 |
| | | 10 | 3.0 | 179 | 119 | 89 | 71 | 59 |
| 075SJN-060 | Orifice | 20 | 4.2 | 249 | 166 | 125 | 100 | 83 |
| | Dia. 3/16" | 30 | 5.2 | 309 | 206 | 154 | 124 | 103 |
| | | 40 | 6.0 | 356 | 238 | 178 | 143 | 119 |
| | | 10 | 4.0 | 238 | 158 | 119 | 95 | 79 |
| 075SJN-080 | Orifice | 20 | 5.6 | 333 | 222 | 166 | 133 | 111 |
| | Dia. 7/32" | 30 | 6.9 | 410 | 273 | 205 | 164 | 136 |
| | | 40 | 8.0 | 475 | 317 | 238 | 190 | 158 |
| | | 10 | 6.0 | 356 | 238 | 178 | 143 | 119 |
| 075SJN-120 | Orifice | 20 | 8.5 | 505 | 337 | 252 | 202 | 168 |
| | Dia. 1/4" | 30 | 10.4 | 618 | 412 | 309 | 247 | 206 |
| | | 40 | 12.0 | 713 | 475 | 356 | 285 | 238 |
| | | 10 | 7.5 | 446 | 297 | 223 | 178 | 149 |
| 075SJN-150 | Orifice | 20 | 10.6 | 630 | 420 | 314 | 252 | 210 |
| | Dia. 19/64" | 30 | 13.0 | 772 | 515 | 386 | 309 | 257 |
| | | 40 | 15.0 | 891 | 594 | 446 | 356 | 297 |
| | | 10 | 10.0 | 594 | 396 | 297 | 238 | 198 |
| 075SJN-200 | Orifice | 20 | 14.1 | 838 | 558 | 419 | 335 | 279 |
| | Dia. 21/64" | 30 | 17.3 | 1028 | 685 | 514 | 411 | 342 |
| | | 40 | 20.0 | 1188 | 792 | 594 | 475 | 396 |
| 075SJN-000 | Blank Orifice | | | | | | | |

***NOTE:*** Mount nozzles pointing downward and slightly toward rear of boom. Pressures of 10 to 30 psi are recommended for narrowest banding.

## DOUBLE NOZZLE APPLICATION CHART

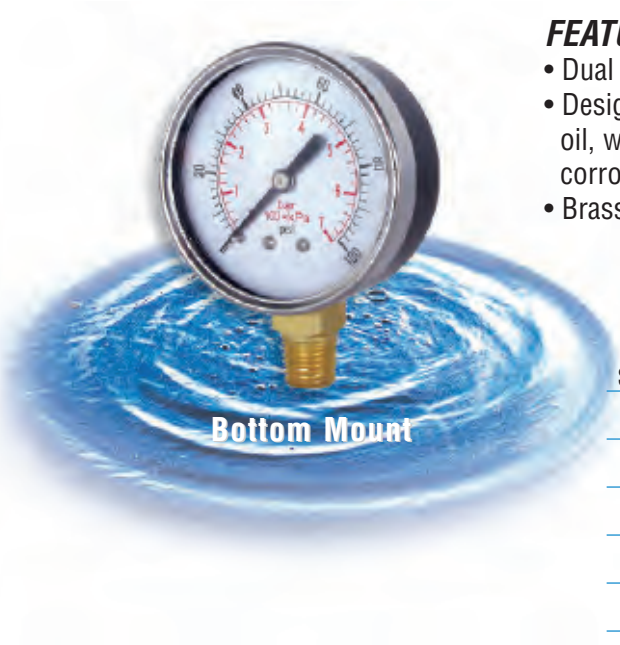
| | | | | Gallons per acre--water based on 60" spacing | | | | |
|---|---|---|---|---|---|---|---|---|
| **Part Number** | **Nozzle Description** | **PSI** | **GPM per Nozzle** | **5 MPH** | **7.5 MPH** | **10 MPH** | **12.5 MPH** | **15 MPH** |
| | Orifice | 10 | 1.5 | 30 | 20 | 15 | 12 | 10 |
| 075DJN-015 | Dia. 3/32" | 20 | 2.1 | 42 | 28 | 21 | 17 | 14 |
| | | 30 | 2.6 | 52 | 35 | 26 | 21 | 17 |
| | Orifice | 10 | 2.0 | 40 | 26 | 20 | 16 | 13 |
| 075DJN-020 | Dia. 7/64" | 20 | 2.8 | 56 | 37 | 28 | 22 | 19 |
| | | 30 | 3.5 | 68 | 45 | 34 | 27 | 23 |
| | Orifice | 10 | 3.0 | 60 | 40 | 30 | 24 | 20 |
| 075DJN-030 | Dia. 9/64" | 20 | 4.2 | 84 | 56 | 42 | 34 | 28 |
| | | 30 | 5.2 | 102 | 68 | 51 | 41 | 34 |
| | Orifice | 10 | 4.0 | 80 | 53 | 40 | 32 | 27 |
| 075DJN-040 | Dia. 5/32" | 20 | 5.7 | 112 | 75 | 56 | 45 | 38 |
| | | 30 | 6.9 | 138 | 92 | 69 | 55 | 46 |
| | Orifice | 10 | 6.0 | 118 | 79 | 59 | 47 | 40 |
| 075DJN-060 | Dia. 3/16" | 20 | 8.5 | 168 | 112 | 84 | 67 | 56 |
| | | 30 | 10.4 | 206 | 137 | 103 | 82 | 69 |
| | Orifice | 10 | 8.0 | 158 | 105 | 79 | 63 | 53 |
| 075DJN-080 | Dia. 13/64" | 20 | 11.3 | 224 | 149 | 112 | 90 | 75 |
| | | 30 | 13.9 | 274 | 183 | 137 | 110 | 92 |
| | Orifice | 10 | 10.0 | 198 | 132 | 99 | 79 | 66 |
| 075DJN-100 | Dia. 15/64" | 20 | 14.1 | 280 | 187 | 140 | 112 | 94 |
| | | 30 | 17.3 | 342 | 228 | 171 | 137 | 115 |
| 075DJN-000 | Blank Orifice | | | | | | | |

***Note:*** Use double tip nozzle to convert a 60" spray boom to a 30" stripping boom for liquid strip application. The above chart is based on water and requires correction for the weight (specific gravity) of the spray product. A 56" boom height will give 30" strip spacing. The largest size that can be used with lower pressure settings helps to eliminate tip plugging.

***NOZZLES CAN BE ORDERED WITH OTHER SIZE ORIFICE - CONTACT SALES OFFICE***

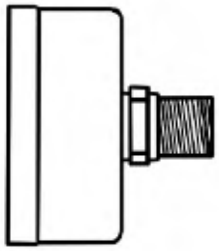
# GAUGES

## Model 20




### FEATURES

- Dual scale
- Designed for use with gas, oil, water, or any medium not corrosive to brass or bronze
- Brass connection
- Dry filled
- Steel case, black painted
- Pressure or vacuum available
- Copper alloy wetted parts



Back Mount

**MODEL 20, DUAL SCALE, STEEL CASE–BLACK PAINT**

| SIZE (FACE) | DESCRIPTION | PART NO. |
|---|---|---|
| 1.5" | 0-30 PSI, 1/8" MNPT Back Mount | 0220DSB30 |
| 1.5" | 0-60 PSI, 1/8" MNPT Back Mount | 0220DSB60 |
| 1.5" | 0-100 PSI, 1/8" MNPT Back Mount | 0220DSB100 |
| 1.5" | 0-160 PSI, 1/8" MNPT Back Mount | 0220DSB160 |
| 1.5" | 0-300 PSI, 1/8" MNPT Back Mount | 0220DSB300 |
| | | |
| 2" | 0-30 PSI, 1/4" MNPT Back Mount | 1220DSB30 |
| 2" | 0-60 PSI, 1/4" MNPT Back Mount | 1220DSB60 |
| 2" | 0-100 PSI, 1/4" MNPT Back Mount | 1220DSB100 |
| 2" | 0-150 PSI, 1/4" MNPT Back Mount | 1220DSB150 |
| 2" | 0-300 PSI, 1/4" MNPT Back Mount | 1220DSB300 |
| | | |
| 2.5" | 0-30" VAC, 1/4" MNPT Back Mount | 2220DSBVAC |
| 2.5" | 0-30" VAC, 1/4" MNPT Bottom Mount | 2120DSBVAC |

# Model 24

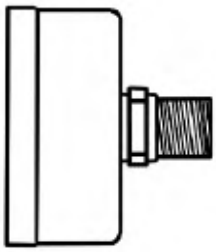
## *FEATURES*

- Single scale
- Designed for use with gas, oil, water, or any medium not corrosive to brass or bronze
- Brass connection
- ABS case – 2" and 2.5"
- Steel case, black painted – 4"
- Bottom mount
- Dry filled
- Copper alloy wetted parts

### MODEL 24, SINGLE SCALE

| SIZE (FACE) | DESCRIPTION | PART NO. |
|---|---|---|
| 2" | 0-30 PSI, 1/4" MNPT Bottom Mount | 1124DAB30 |
| 2" | 0-60 PSI, 1/4" MNPT Bottom Mount | 1124DAB60 |
| 2" | 0-100 PSI, 1/4" MNPT Bottom Mount | 1124DAB100 |
| 2" | 0-160 PSI, 1/4" MNPT Bottom Mount | 1124DAB160 |
| 2" | 0-200 PSI, 1/4" MNPT Bottom Mount | 1124DAB200 |
| 2" | 0-300 PSI, 1/4" MNPT Bottom Mount | 1124DAB300 |
| | | |
| 2.5" | 0-30 PSI, 1/4" MNPT Bottom Mount | 2124DAB30 |
| 2.5" | 0-60 PSI, 1/4" MNPT Bottom Mount | 2124DAB60 |
| 2.5" | 0-100 PSI, 1/4" MNPT Bottom Mount | 2124DAB100 |
| 2.5" | 0-160 PSI, 1/4" MNPT Bottom Mount | 2124DAB160 |
| 2.5" | 0-200 PSI, 1/4" MNPT Bottom Mount | 2124DAB200 |
| 2.5" | 0-300 PSI, 1/4" MNPT Bottom Mount | 2124DAB300 |
| 2.5" | 0-600 PSI, 1/4" MNPT Bottom Mount | 2124DAB600 |
| 2.5" | 0-1000 PSI, 1/4" MNPT Bottom Mount | 2124DAB1000 |
| | | |
| 4" | 0-30 PSI, 1/4" MNPT Bottom Mount | 4124DSB30 |
| 4" | 0-60 PSI, 1/4" MNPT Bottom Mount | 4124DSB60 |
| 4" | 0-100 PSI, 1/4" MNPT Bottom Mount | 4124DSB100 |
| 4" | 0-160 PSI, 1/4" MNPT Bottom Mount | 4124DSB160 |
| 4" | 0-200 PSI, 1/4" MNPT Bottom Mount | 4124DSB200 |
| 4" | 0-300 PSI, 1/4" MNPT Bottom Mount | 4124DSB300 |
| 4" | 0-600 PSI, 1/4" MNPT Bottom Mount | 4124DSB600 |
| 4" | 0-1000 PSI, 1/4" MNPT Bottom Mount | 4124DSB1000 |

# Model 41



Back Mount

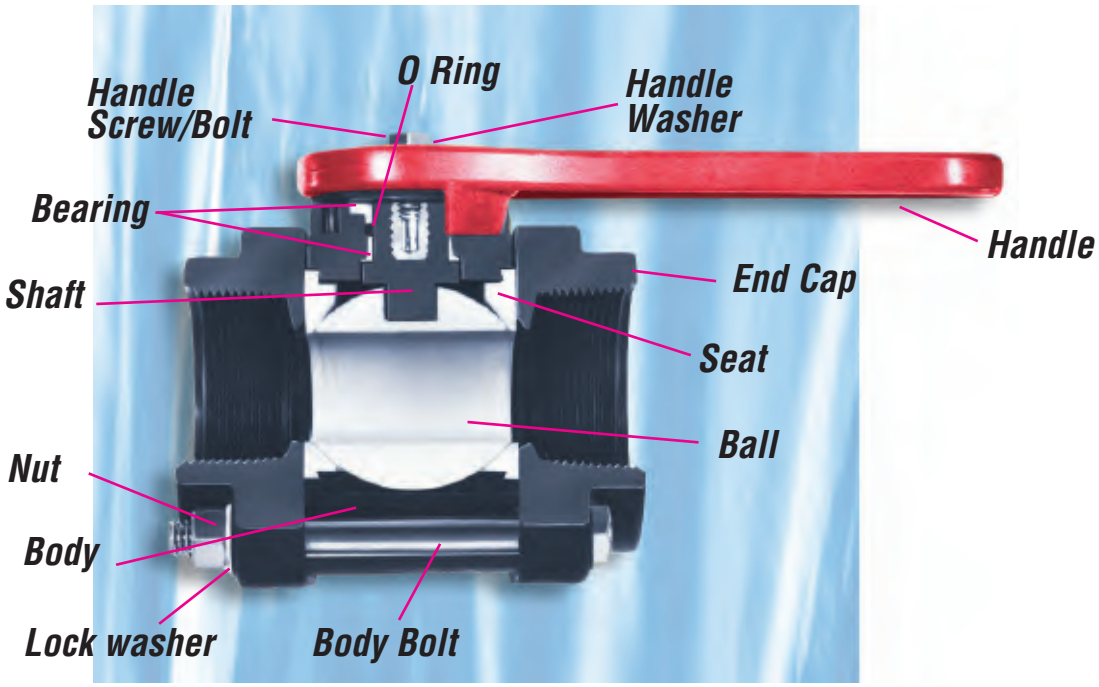
## FEATURES

- Single scale
- Stainless steel case
- Brass connection
- Copper alloy wetted parts
- Bottom or back mount
- Glycerin filled
- Designed for use with gas, oil, water, or any medium not corrosive to brass or bronze
- Liquid-filled gauges are recommended for reducing shock caused by pressure fluctuations or vibration

### MODEL 41, SINGLE SCALE, STAINLESS STEEL CASE

| SIZE (FACE) | DESCRIPTION | PART NO. |
|---|---|---|
| 2.5" | 0-15 PSI, 1/4" MNPT Bottom Mount | 2141GXB15 |
| 2.5" | 0-15 PSI, 1/4" MNPT Back Mount | 2241GXB15 |
| 2.5" | 0-30 PSI, 1/4" MNPT Bottom Mount | 2141GXB30 |
| 2.5" | 0-30 PSI, 1/4" MNPT Back Mount | 2241GXB30 |
| 2.5" | 0-60 PSI, 1/4" MNPT Bottom Mount | 2141GXB60 |
| 2.5" | 0-60 PSI, 1/4" MNPT Back Mount | 2241GXB60 |
| 2.5" | 0-100 PSI, 1/4" MNPT Bottom Mount | 2141GXB100 |
| 2.5" | 0-100 PSI, 1/4" MNPT Back Mount | 2241GXB100 |
| 2.5" | 0-160 PSI, 1/4" MNPT Bottom Mount | 2141GXB160 |
| 2.5" | 0-160 PSI, 1/4" MNPT Back Mount | 2241GXB160 |
| 2.5" | 0-200 PSI, 1/4" MNPT Bottom Mount | 2141GXB200 |
| 2.5" | 0-200 PSI, 1/4" MNPT Back Mount | 2241GXB200 |
| 2.5" | 0-300 PSI, 1/4" MNPT Bottom Mount | 2141GXB300 |
| 2.5" | 0-300 PSI, 1/4" MNPT Back Mount | 2241GXB300 |
| 2.5" | 0-400 PSI, 1/4" MNPT Bottom Mount | 2141GXB400 |
| 2.5" | 0-400 PSI, 1/4" MNPT Back Mount | 2241GXB400 |
| 2.5" | 0-600 PSI, 1/4" MNPT Bottom Mount | 2141GXB600 |
| 2.5" | 0-600 PSI, 1/4" MNPT Back Mount | 2241GXB600 |
| 2.5" | 0-1000 PSI, 1/4" MNPT Bottom Mount | 2141GXB1000 |
| 2.5" | 0-1000 PSI, 1/4" MNPT Back Mount | 2241GXB1000 |
| 2.5" | 0-1500 PSI, 1/4" MNPT Bottom Mount | 2141GXB1500 |
| 2.5" | 0-1500 PSI, 1/4" MNPT Back Mount | 2241GXB1500 |
| 2.5" | 0-2000 PSI, 1/4" MNPT Bottom Mount | 2141GXB2000 |
| 2.5" | 0-2000 PSI, 1/4" MNPT Back Mount | 2241GXB2000 |
| 2.5" | 0-3000 PSI, 1/4" MNPT Bottom Mount | 2141GXB3000 |
| 2.5" | 0-3000 PSI, 1/4" MNPT Back Mount | 2241GXB3000 |
| 2.5" | 0-4000 PSI, 1/4" MNPT Bottom Mount | 2141GXB4000 |
| 2.5" | 0-4000 PSI, 1/4" MNPT Back Mount | 2241GXB4000 |
| 2.5" | 0-5000 PSI, 1/4" MNPT Bottom Mount | 2141GXB5000 |
| 2.5" | 0-5000 PSI, 1/4" MNPT Back Mount | 2241GXB5000 |

# Ball Valve Replacement Parts




**BALL VALVE REPLACEMENT PARTS -**
**1/2" FP, 3/4" FP 1" FP, 1" SP, 1-1/2" FP & 2" SP**
**Size and Part Number**

| DESCRIPTION | 1/2" FP | 3/4" FP | 1" SP | 1" FP | 1-1/4" FP | 1-1/2" FP | 2" SP |
|---|---|---|---|---|---|---|---|
| Shaft | 4S300-00 | 4S300-00 | 4S300-00 | 4H446-00 | 4S301-00 | 4S301-00 | 4S301-00 |
| Handle | 4L100-00 | 4L100-00 | 4L100-00 | 4H722-00 | 4L101-00 | 4L101-00 | 4L101-00 |
| Body | 4B200-00 | 4B200-00 | 4B200-00 | 4H384-00 | 4B201-00 | 4B201-00 | 4B201-00 |
| Ball | 4B100-00 | 4B100-00 | 4B100-00 | 4H389-00 | 4B101-00 | 4B101-00 | 4B101-00 |
| End Cap | 4E100-00 | 4E101-00 | 4E102-00 | 4H372-00 | 4E122-00 | 4E103-00 | 4E104-00 |
| Seat | 4S100-20 | 4S100-20 | 4S100-20 | 4H372-00 | 4S101-20 | 4S101-20 | 4S101-20 |
| Upper Bearing | 4B300-20 | 4B300-20 | 4B300-20 | — | — | — | — |
| Upper Bearing 1-1/2" | — | — | — | — | 4H013.20 | 4H013.20 | 4H013.20 |
| Lower Bearing | 4B300-20 | 4B300-20 | 4B300-20 | — | 4B301-20 | 4B301-20 | 4B301-20 |
| O-Ring | 4S200-00 | 4S200-00 | 4S200-00 | — | 4H038-00 | 4H038-00 | 4H038-00 |
| O-Ring, Shaft | — | — | — | 4H446-00 | — | — | — |
| O-Ring, Body | — | — | — | 4H379-00 | — | — | — |
| Body Bolt | 4H000-00 | 4H000-00 | 4H000-00 | 4H422-00 | 4H001-00 | 4H001-00 | 4H001-00 |
| Lockwasher | — | — | — | 4H422-00 | — | — | — |
| Lockwasher 1/4" | 4H014-00 | 4H014-00 | 4H014-00 | — | — | — | — |
| Lockwasher 3/8" | — | — | — | — | 4H017-00 | 4H017-00 | 4H017-00 |
| Nut | — | — | 4H396-00 | 4H422-00 | — | — | — |
| Nut 1/4" HEX | 4H026-00 | 4H026-00 | 4H026-00 | — | — | — | — |
| Nut 3/8"x21/64" HEX | — | — | — | — | 4H024-00 | 4H024-00 | 4H024-00 |
| Handle Screw | — | — | — | 4H347-00 | — | — | — |
| Handle Bolt 8/32"x1/2" | 4H030-10 | 4H030-10 | 4H030-10 | — | — | — | — |
| Handle Bolt 1/4"x5/8" | — | — | — | — | 4H008-00 | 4H008-00 | 4H008-00 |
| Handle Washer 1/4"x1" | — | — | — | — | 4H016-10F | 4H016-10F | 4H016-10F |

# Ball Valve Replacement Parts cont.

## BALL VALVE REPLACEMENT PARTS
## 2" FP, 2-1/2" FP, 3" SP, 3" FP & 4" FP

**Size and Part Number**

| DESCRIPTION | 2" FP | 2-1/2" FP | 3" SP | 3" FP | 4"FP |
|---|---|---|---|---|---|
| Shaft | 4S303-00 | 4S302-00 | 4S302-00 | 4H358-00 | 4H818-00 |
| Handle | 4L102-00 | 4L102-00 | 4L102-00 | 4L102-00 | 4H838-00 |
| Body | 4B203-00 | 4B202-00 | 4B202-00 | 4H387-00 | 4H823-00 |
| Ball | 4B103-00 | 4B102-00 | 4B102-00 | 4H392-00 | 4H824-00 |
| End Cap | 4E112-00 | 4E123-00 | 4E105-00 | 4H443-00 | 4H820-00 |
| End Cap Flange | — | 4E110-00 | 4E110-00 | — | — |
| Seat | 4S103-20 | 4S102-20 | 4S102-20 | 4H443-00 | 4H821-00 |
| Upper Bearing | 4B302-20 | 4B302-20 | 4B302-20 | — | — |
| Lower Bearing | 4B302-20 | 4B302-20 | 4B302-20 | — | — |
| O-Ring, Shaft | 4H039-00 | 4H039-00 | 4H039-00 | 4H358-00 | 4H817-00 |
| O-Ring, End Cap | — | — | — | 4H357-00 | — |
| O-Ring, Body | — | — | — | 4H382-00 | 4H822-00 |
| Body Bolt | — | — | — | 4H367-00 | 4H819-00 |
| Body Bolt 3/8"x5" Cad | 4H009-00 | 4H009-00 | 4H009-00 | — | — |
| Handle Wash. 1-1/2" Cad | 4H011-10 | 4H011-10 | 4H011-10 | 4H351-00 | 4H351-00 |
| Lockwasher | — | — | — | 4H367-00 | 4H819-00 |
| Lockwasher Internal | — | 4H019-00 | 4H019-00 | — | — |
| Lockwasher 3/8" Cad | 4H017-00 | — | — | — | — |
| Nut | — | — | — | 4H367-00 | 4H819-00 |
| Nut 3/8"x21/64" Cad | 4H024-00 | — | — | — | — |
| Nut 3/8"x7/32" Cad | — | 4H027-00 | 4H027-00 | — | — |
| Handle Bolt | — | — | — | 4H349-00 | 4H349-00 |
| Handle Bolt 3/8"x1/2" Cad | 4H029-10 | 4H029-10 | 4H029-10 | — | — |

## POLY NOZZLE BALL VALVE REPLACEMENT PARTS
## 1-1/2" FP, 2" FP & 2" SP

**Size and Part Number**

| DESCRIPTION | 1-1/2" FP | 2" SP | 2" FP |
|---|---|---|---|
| Shaft | 4S301-00 | 4S301-00 | 4S303-00 |
| Handle | 4L103-00 | 4L103-00 | 4L102-00 |
| Body | 4B201-00 | 4B201-00 | 4B203-00 |
| Ball | 4B101-00 | 4B101-00 | 4B103-00 |
| End Cap | — | — | 4E112-00 |
| End Cap 1-1/2" | 4E103-00 | — | — |
| End Cap 2" | — | 4E104-00 | — |
| End Cap Nozzle | 4E109-00 | 4E109-00 | 4E113-00 |
| Spout 1-1/2" | 4S400-00 | 4S400-00 | — |
| Spout 2" | — | — | 4S401-00 |
| Seat | 4S101-20 | 4S101-20 | 4S103-20 |
| Upper Bearing | — | — | 4B302-20 |
| Upper Bearing 1-1/2" Polytef | 4H013-20 | 4H013-20 | — |
| Lower Bearing | 4B301-20 | 4B301-20 | 4B302-20 |
| O-Ring | 4H038-00 | 4H038-00 | 4H039-00 |
| Body Bolt 3/8"x4" | 4H001-00 | 4H001-00 | — |
| Body Bolt 3/8"x5" | — | — | 4H009-00 |
| Bolt 1/4"x5/8" | 4H008-00 | 4H008-00 | — |
| Washer 1/4"x1" Cad | 4H016-10 | 4H016-10 | — |
| Lockwasher 3/8" Cad" | 4H017-00 | 4H017-00 | 4H017-00 |
| Nut 3/8"x21/64" Cad" | 4H024-00 | 4H024-00 | 4H024-00 |
| Nut 3/8"x7/32" Cad" | — | — | — |
| Handle Bolt 3/8"x1/2" Cad | — | — | 4H029-10 |
| Handle Wash. 1-1/2" O.D. | — | — | 4H011-10 |
| PIN 3/16"x1/2" | 4H035-00 | 4H035-00 | — |

# Ball Valve Repair Kit

### *Repair Kit Contains:*

- 1 Ball
- 2 Seats
- 1 Upper Bearing
- 1 Lower Bearing
- 1 Viton® O-Ring
- Instructions

| | 1/2" FP | 3/4" FP | 1" FP | 1" SP |
|---|---|---|---|---|
| REPAIR KIT | 4289A-20 | 4289A-20 | 4289Y-20 | 4289A-20 |
| | **1-1/4" FP** | **1-1/2" FP** | **2" SP** | **2" FP** |
| REPAIR KIT | 4289C-20 | 4289C-20 | 4289C-20 | 4289E-20 |
| | **2-1/2" FP** | **3" SP** | **3" FP** | |
| REPAIR KIT | 4289D-20 | 4289D-20 | 4289Z-20 | |

# Locking Hasp Kits

- Plated hardware
- Heavy duty
- Easy to install
- Locks valve open or close

| ITEM | DESCRIPTION | PART NO. | STD. QTY | PKG. WT |
|---|---|---|---|---|
| A | Fits 1-1/4", 1-1/2" & 2" Standard Port | 4020A-00 | 4 | 2 |
| B | Fits 2" Full Port | 4020B-00 | 4 | 2 |
| B | Fits 2-1/2" Full Port & 3" Standard Port | 4020C-00 | 4 | 2 |

***Note:*** When ordered with valve locking hasp kit will be installed on valves free of charge. Lock not included.



Bee Valve Inc.

# Cam Coupler Replacement Parts

## GASKETS
### Size and Part Number

| DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| Gaskets - EPDM Part No. | 24060 | 24160 | 24260 | 24360 | 24460 | 24560 | 24760 | 24860 |
| Gaskets - BUNA Part No. | 24060B | 24160B | 24260B | 24360B | 24460B | 24560B | 24760B | 24860B |
| Gaskets - NITRILE Part No. | 24060N | 24160N | 24260N | 24360N | 24460N | 24560N | 24760N | 24760N |
| Gaskets - VITON® Part No. | 24060V | 24160V | 24260V | 24360V | 24460V | 24560V | 24760V | 24860V |

Other gasket materials available. Contact factory for assistance.

## COUPLER HANDLES AND LATCHES
### Size and Part Number

| DESCRIPTION | Small | Medium | Large | |
|---|---|---|---|---|
| Coupler Handle - Tuf-glass | 24030 | 24230 | 24730 | |
| Coupler Handle - Stainless Steel | 24030SS | 24230SS | 24730SS | 4"* |
| Latch - Tuf-glass | — | 200LNB | 300LNB | — |

*4" Coupler 3-handle style order P/N 61596

## CAM LEVER PINS AND RINGS
### Size and Part Number

| DESCRIPTION | 1/2" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 3" | 4" |
|---|---|---|---|---|---|---|---|---|
| Cam Lever Pin, SS | 24050 | 24050 | 24250 | 24450 | 24450 | 24550 | 24750 | 24750* |
| Ring | 24140 | 24140 | 24140 | 24540 | 24540 | 24540 | 24740 | 24740 |

*Pin for 3-handle coupler order P/N 61589

# Screens

## MESH SIZE

| 6 | 12 | 14 | 20 | 40 | 80 |
|---|---|---|---|---|---|
| PARTICAL SIZE (opening) | | | | | |
| .132" | .060" | .051" | .034" | .015" | .007" |

# Strainer Replacement Parts

A

## T-LINE STRAINER REPLACEMENT SCREENS
### Size and Part Number

| ITEM | DESCRIPTION | 1/2" - 1" |
|---|---|---|
| A | T-Strainer Screen w/20 Mesh | 4S512-20 |
| A | T-Strainer Screen w/40 Mesh | 4S512-40 |
| A | T-Strainer Screen w/80 Mesh | 4S512-80 |
| A | Gasket (O-Ring) | 4G537-00 |

B

## LSY SERIES (STANDARD) REPLACEMENT SCREENS
### Size and Part Number

| ITEM | DESCRIPTION | 1/2" – 3/4" | 1" – 1-1/4" | 1-1/2" – 2" |
|---|---|---|---|---|
| B | Screen/20 Mesh | 4S509-20 | 4S510-20 | 4S511-20 |
| B | Screen/40 Mesh | 4S509-40 | 4S510-40 | 4S511-40 |
| B | Screen/80 Mesh | 4S509-80 | 4S510-80 | 4S511-80 |
| B | Gasket (O-Ring) | 4G452-00 | 4G750-00 | 4G561-00 |

## Y-STRAINER—HEAVY DUTY

C

### REPLACEMENT PARTS

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| C | Body-Heavy Duty Line Strainer | 4B211-00 |
| C | Small O-Ring | 4H055-00 |
| C | End Cap | 4E126-00 |
| C | Large O-Ring | 4H051-00 |
| C | Reducer Bushing, 1-1/2"x2" | 40400-00 |

### REPLACEMENT SCREENS–5 in.

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| C | 14 Mesh Screen–5" | 4S501 |
| C | 20 Mesh Screen–5" | 4S505 |
| C | 40 Mesh Screen–5" | 4S502 |
| C | 80 Mesh Screen–5" | 4S503 |
| C | 100 Mesh Screen–5" | 4S504 |

## Y-STRAINER—QUICK CLEAN, HIGH CAPACITY

D

### REPLACEMENT PARTS

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| D | Adapter for 2" A Y-Strainer | 300A-Adp |
| D | Body for 2" A Y-Strainer | 4B211-00 |
| D | O-Ring-Cap | 4H100-236 |
| D | 3" Dust Cap | 300-DC |

### REPLACEMENT SCREENS–8 in.

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| D | 6 Mesh Screen for Strainer–8" | 4S508-6 |
| D | 14 Mesh Screen for Strainer–8" | 4S508-14 |
| D | 40 Mesh Screen for Strainer–8" | 4S508-40 |
| D | 80 Mesh Screen for Strainer–8" | 4S508-80 |

E

### REPLACEMENT SCREENS—9 1/2 in.

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| E | Screen/6 Mesh | 4S513-6 |
| E | Screen/12 Mesh | 4S513-12 |
| E | Screen/20 Mesh | 4S513-20 |
| E | Screen/40 Mesh | 4S513-40 |

F

### REPLACEMENT SCREENS—13 1/2 in.

| ITEM | DESCRIPTION | Part No. |
|---|---|---|
| F | Screen – 1/16 Perf | 4S514-062 |
| F | Screen – 1/8 Perf | 4S514-125 |

# Material Quick Reference

## COUPLERS, BALL VALVES, STRAINERS, ADAPTERS AND FITTINGS

### Nylon
- Good all around/all purpose material, strong.
- Good chemical resistance and excellent mechanical properties.
- Stronger than polypropylene.
- Resists cross threading and most hydrocarbons, solvents, agricultural chemicals and mild acids.
- Temperature range -30°F to 200°F.

### PVDF
- Use where ultra high purity is required.
- FDA / NSF compliant.
- Resists most corrosive chemicals, acids, bases, salts, solvents, halogens, chlorinated solvents and is an UL94-VO listing.
- Good choice for high temperature applications.
- Temperature range -20°F to 300°F.
- Can be used in place of Stainless Steel in many applications.

### Polypropylene
- Good chemical and corrosion resistance.
- Resists most acids, chemicals and fertilizers.
- Temperature range 10°F up to 180°F.

### Food-Grade Polypropylene
- FDA / NSF compliant.
- Cost effective lightweight replacement for stainless steel.
- Temperature range 10°F to 180°F.
- Industry applications include food products, cosmetics, pharmaceutical processing.

### Polyethylene
- Resists abrasion and tearing.
- Resists many solvents, oils and petroleum based fluids.
- Temperature range -65°F to 190°F.

### PVC
- Solvent cementable.
- Permanent installation.
- Resists many chemical solutions.
- Ideal for water transfer.
- Sewage system and pump quick disconnects.
- Temperature range 10°F to 140°F.

### Santoprene®
- Special purpose.
- Excellent resistance to weather.
- Good chemical resistance.
- FDA applications–used for protective caps or plugs for stainless steel adapters and couplers.
- Temperature range -80°F to 275°F.

### Stainless Steel
- 316 type.
- Excellent chemical and corrosion resistance.
- Use for food service and processing.
- Conductive.

## GASKETS

### EPT/EPDM
- Best choice for most fertilizer and agricultural applications.
- Temperature range -50°F to 250°F.

### Buna-N
- General purpose industrial–resistant to oil, hydraulic fluid, petroleum based fluids and water.
- Temperature range -40°F to 250°F.

### Viton®
- Superior resistance to most fuels, petroleum based fluids, chemicals and solvents.
- Temperature range -10°F to 350°F.

### Nitrile®
- Food grade, FDA applications.
- White color.
- Resistant to many oils and chemicals.
- Temperature range -40°F to 220°F.

### Santoprene®
- Excellent resistance to weather and many chemicals.
- FDA applications.
- Temperature range -80°F to 275°F.

***Note:*** Above information is gathered from various manufacturers published charts and tables.

For Assistance Phone: 1-800-634-3078 Fax: 440-366-0198
E-mail: Sales@BeeValve.com or TechHelp@BeeValve.com

# BASIC CHEMICAL RESISTANCE TABLE
## COUPLERS, BALL VALVES, STRAINERS, ADAPTERS AND FITTINGS

| FLUID | NY-GLASS | POLY-GLASS | PVC | PVDF |
|---|---|---|---|---|
| Acetic Acid | | S | | |
| Acetic Anhydride | | S | | |
| Acetone | S | S | U | U |
| Acetylene-Dry | | | S | |
| Air | S | S | | |
| Agricultural Lime | S | S | | |
| Alcohol-Amyl | S | S | S | |
| Alcohol-Butyl | S | S | | |
| Alcohol-Ethyl | S | S | | |
| Alcohol-Isopropyl | S | S | | |
| Alcohol-Methyl | S | S | | |
| Aluminum Chloride | U | S | S | S |
| Aluminum Flouroid, 20% | U | S | S | S |
| Aluminum Nitrate | U | S | S | S |
| Aluminum Potassium Sulfate | U | S | | S |
| Aluminum Sulfate | U | S | | |
| Ammonia, Anhydrous | | | | |
| Ammonia, Solutions | S | S | | U |
| Ammonium Chloride-Dry | | S | S | |
| Ammonium Hydroxide | P | S | S | |
| Ammonium Nitrate | | S | S | S |
| Ammonium Phosphate | | S | S | |
| Mono-basic | | S | | |
| Di-Basic or Tri-Basic | | S | | |
| Ammonium Sulfate | | S | S | S |
| Aniline | | S | U | |
| Arsenic Acid | | S | S | |
| Asphalt | | | | |
| | | | | |
| Barium Chloride | U | S | S | S |
| Barium Hydroxide | | S | S | U |
| Barium Sulfide | | S | S | |
| Basic Stag | | S | | |
| Beer | S | S | S | |
| Benzene/Benzol | S | | | |
| Benzine | S | | | |
| Black Liquor (Paper Ind) | | S | S | |
| Bleach (12.5% Chlorine) | U | S | S | |
| Borax | | S | S | |
| Boric Acid | P | S | S | S |
| Brine | S | S | S | |
| Bromic Acid | | S | S | |
| Burnt Lime | S | S | | |
| Butane | S | S | S | S |
| Butadiene | | | S | S |
| | | | | |
| Butyl Acetate-Dry | | | S | |
| Butyl Stearate | | | S | |
| Butylene | | | S | |
| | | | | |
| Cadmium Cyanide | | S | S | |
| Calcium Acetate | | S | | |
| Calcium Bisulfite | | S | S | |
| Calcium Chloride | U | S | S | S |
| Calcium Hydroxide | | S | S | |
| Calcium Hypochlorite | | S | S | |
| Calcium Nitrate, 40% | | S | S | S |
| Carbolic Acid (Phenol) | U | | | |
| Carbon Dioxide-Dry | S | S | S | S |
| Carbon Disulfide | | | U | |
| Carbon Tetrachloride | S | | U | S |
| Carbonated Beverages | S | S | | |
| Carbonic Acid | S | S | S | |
| Castor Oil | S | S | S | |
| Caustic Potash | S | S | S | |
| Caustic Soda | S | S | | |
| Cellosolves | | | | |

| FLUID | NY-GLASS | POLY-GLASS | PVC | PVDF |
|---|---|---|---|---|
| Chlorine-Dry | | S | U | S |
| Chlorobromomethane | | | | |
| Chloroform-Dry | S | S | | S |
| Chlorex | S | | | |
| Chromic Acid, 50% | U | S | U | |
| Citric Acid | S | S | S | S |
| Cobalized Super | | | | |
| Compound | | S | | |
| Copper Chloride-Dry | | S | S | S |
| Copper Sulfate | | S | S | S |
| Copperized Super | | | | |
| Compound | | S | | |
| Corn Oil | S | S | | |
| Cottonseed Oil | S | S | S | |
| Creosote | | | | |
| Cresylic Acid | | | S | |
| Cyclohexane | S | | U | S |
| | | | | |
| DDT | | | U | |
| Detergents | S | S | S | |
| Developer Solution | | S | | |
| Dextrose | S | S | S | |
| | | | | |
| Diesel Fuels | S | S | S | S |
| Diethyl Sebacate | | | S | |
| Disodium Phosphate | | S | S | |
| Dowtherm | | S | | |
| | | | | |
| Ethanolamine | | S | | |
| Ether | S | | U | S |
| Ethyl Acetate | S | S | U | |
| Ethyl Chloride-Dry | | U | U | |
| Ethylene | | S | | |
| Ethylene Dichloride-Dry | | S | U | |
| Ethylene Glycol | S | S | S | |
| Fatty Acids | S | S | S | |
| Ferric Chloride | P | S | S | |
| Ferric Hydroxide | | S | S | |
| Ferric Nitrate | | S | S | |
| Ferric Sulfate | P | S | S | |
| Fluoboric Acid | | S | S | |
| Formaldehyde, 405 | | S | S | |
| Formalin | | S | | |
| Formic Acid | U | S | S | S |
| Freon | S | S | | |
| Fruit Juice: Grapefruit | S | S | S | |
| Lemon | S | S | | |
| Pineapple | S | S | | |
| Furfural | | S | U | |
| | | | | |
| Gas-Coke Oven | S | S | U | |
| Gasoline-Refined | S | U | U | S |
| Gasoline-Sour | S | U | U | |
| Gelatin | S | S | | |
| Glucose | S | S | S | S |
| Glue | S | S | | |
| Glycerine | S | S | S | S |
| Glycol | S | S | S | |
| Green Liquor (Paper Ind) | | S | S | |
| | | | | |
| Hexane | S | | S | S |
| Hydrobromic Acid | | S | | |
| Hydrobromic Acid, 40% | | S | | |
| Hydrobromic Acid, 100% | | S | | |
| Hydrochloric Acid | U | S | S | |
| Hydrogen Chloride | | S | | |
| Gas-dry | | S | | S |

# BASIC CHEMICAL RESISTANCE TABLE CONT.
## COUPLERS, BALL VALVES, STRAINERS, ADAPTERS AND FITTINGS

| FLUID | NY-GLASS | POLY-GLASS | PVC | PVDF |
|---|---|---|---|---|
| Hydrogen Gas | S | S | | S |
| Hydrogen Peroxide | U | S | | S |
| Hydrogen Sulfide | U | S | | |
| Hypochlorous Acid, 20% | U | S | | |
| | | | | |
| Iodide, Peroxide | | S | | |
| Isobutyl Acetate | | S | | |
| Isopropyl Acid | S | S | | |
| | | | | |
| Jet Fuel | S | U | | |
| | | | | |
| Kerosene | S | S | | |
| Kraft Liquor (Paper Ind) | | S | S | |
| | | | | |
| Lacquers | S | U | | |
| Lactic Acid, 20% | S | S | S | S |
| Lactic Acid, 70% | | S | | S |
| Lard | S | S | S | S |
| Lead: Chloride, Sulphate | | S | S | |
| Lime Slurry | S | S | | |
| Lime Sulphur | | S | | |
| Linoleic Acid | | S | S | |
| Lineseed Oil | S | S | S | S |
| L.P.G. | S | | | |
| | | | | |
| Magnesium Carbonate | S | S | S | S |
| Magnesium Chloride | P | S | S | S |
| Magnesium Hydroxide | S | S | S | S |
| Magnesium Nitrate | P | S | S | S |
| Magnesium Sulfate | P | S | S | S |
| Meat and Bone Meal | S | S | | |
| Mercuric Chloride | | S | S | S |
| Mercury | | S | S | S |
| Methane | S | S | | |
| Methanol | S | S | | |
| Methyl Amyl Acetate | | S | | |
| Methylene Chloride | S | U | U | |
| Methyl Benzene | S | U | | |
| Methyul Ethyl Ketone | S | S | | |
| Milk | S | S | S | S |
| Mineral Oil | S | S | S | S |
| Molasses | S | S | S | |
| | | | | |
| Muriate of Potash | S | S | | |
| Muriatic Acid | U | S | S | |
| Mustard | S | S | | S |
| | | | | |
| Naptha | S | | S | S |
| Nathalene | | | U | |
| Napthenic Acid | | U | | |
| Natural Gas | S | S | S | |
| Nickel Chloride | | S | S | S |
| Nickel Sulfate | | S | | S |
| Nitric Acid | U | S | | S |
| Nitrobenzene | S | S | U | |
| Nitro Lime | | S | | |
| | | | | |
| Octane | S | | | |
| Oil-Core | S | | | |
| Oil-Fuel | S | S | | |
| Oil-Hydraulic | S | S | | |
| Oil-Petroleum | S | | | |
| Crude | S | S | S | |
| Refined | S | S | | |
| Oil-Transmission | S | S | | |

| FLUID | NY-GLASS | POLY-GLASS | PVC | PVDF |
|---|---|---|---|---|
| Oil-Vegetable | S | U | | |
| Oleic Acid | S | U | S | |
| Oleum | U | S | U | |
| Oxalic Acid | S | S | S | S |
| Oxygen | S | U | S | S |
| | | | | |
| Palmitic Acid | S | S | | |
| Paraffin | S | S | S | |
| Pentachlorophenol-Dry | | | | |
| Perchlorethylene | S | U | | |
| Phosphoric Acid | U | S | | S |
| Photographic Solutions | S | S | S | |
| Phthalic Anhydride | | S | | |
| Picric Acid-Molten | U | S | U | |
| Aqueous Solution | | S | | |
| Plating Solutions, Chrome | | S | | |
| Potassium Acetate | | S | | |
| Potassium Chloride | S | S | S | S |
| Potassium Cyanide | S | S | S | |
| Potassium Dichromate | U | S | S | S |
| Potassium Fluoride | S | S | S | |
| | | | | |
| Potassium Hydroxide, 30% | S | S | S | |
| Potassium Nitrate | S | S | S | S |
| Potassium Sulfate | S | S | | S |
| Propane | S | S | S | |
| Propionic Acid | S | S | | |
| Propylene Glycol | S | S | | |
| | | | | |
| Rosin | S | S | | |
| | | | | |
| Salt Water | S | S | S | S |
| Shellac | S | S | | |
| Silicone Fluid | S | S | | |
| Silicone Oil | S | S | | |
| Silver Nitrate | S | S | S | S |
| Soap Solutions | S | S | S | |
| Soda Ash | S | S | | |
| Sodium Bicarbonate | S | S | S | |
| Sodium Bisulfate | | S | S | |
| Sodium Borate | S | S | | |
| Perborate | S | S | | |
| Sodium Carbonate | S | S | S | S |
| Sodium Chloride | S | S | S | S |
| Sodium Cyanide, 10% | S | S | S | S |
| Sodium Dichromate, 10% | | S | | |
| Sodium Hydroxide, 40% | S | S | S | |
| Sodium Hypochlorite, 20% | U | S | S | |
| Sodium Metaphosphate | S | S | | |
| Sodium Nitrate | S | S | S | S |
| Sodium Peroxide | | S | S | |
| Sodium Phosphate- | | | | |
| Mono-Basic | | S | | |
| Di-Basic | | S | | |
| Tri-Basic | | S | | |
| Sodium Silicate | | S | | S |
| Sodium Sulfate | S | S | S | S |
| Sodium Sulfide | | S | S | |
| Sodium Thiosulfate | | S | S | S |
| Soybean Oil | S | S | | |
| Stannic Chloride | U | S | S | |
| Stannous Chloride, 15% | U | S | | |
| Steam | | | | |
| Stearic Acid | | S | S | |
| Stoddard Solvent | | S | U | |

| FLUID | NY-GLASS | POLY-GLASS | PVC | PVDF |
|---|---|---|---|---|
| Styrene | | U | | |
| Sugar Liquors-Cane | S | S | | |
| Beet | S | S | | |
| Sulfate Liquors | | S | | |
| Sulphite Liquors | | S | S | |
| Sulfuric Acid | U | S | | S |
| Sulfurous Acid | U | S | S | |
| Superphosphate | | S | | |
| | | | | |
| Tannic Acid, 10% | | S | S | S |
| Tar-Wood | | S | | |
| Tartaric Acid | S | S | S | S |
| Titanium Tetrachloride- | | | | |
| Dry | | S | U | |
| Toluene/Toluol | S | U | S | |
| Tetrachloreothylene | S | U | | |
| Trichloroethylene-Dry | S | U | | |
| Triethanolamine | | S | S | S |
| Trisodium Phosphate | S | S | S | |
| | | | | |
| Urea | | S | S | S |
| Urine | S | S | S | |
| | | | | |
| Varnish | S | | | |
| Vinegar | S | S | S | |
| | | | | |
| Water-Acid Mine | S | S | S | |
| Deionized | S | S | | |
| Demineralized | S | S | | |
| Distilled | S | S | | |
| Fresh | S | S | | |
| Salt | S | S | | S |
| White Liquor (Paper Ind) | | S | S | |
| Wine | S | S | S | |
| | | | | |
| Xylene/Xylol | S | | U | |
| | | | | |
| Zinc Chloride | | S | S | S |
| Zinc Nitrate, Sulphate | S | S | S | S |

**LEGEND:**
**S - Satisfactory**
**P - Poor**
**U - Unsatisfactory**
**Blank - Not tested**

## For Technical Assistance call 800-634-3078

Bee Valve Inc. products are not intended for use in applications which might subject products to pressures that exceed the maximum recommended temperatures and/or pressures. Further allowance must be made to the recommended ratings based on specific operating conditions. Application and product age must also be considered for suitability and safe use.

Bee Valve Inc. has endeavored to ensure that the information contained in this catalog is accurate and reliable based upon tests believed to be reliable; as well as practical field experience. However, since conditions of use are beyond the control of the manufacturer, it is the customer's/user's responsibility to determine the suitability of Bee Valve Inc. products in any specific application. No warranty is expressed or implied.

## Quick Coupling Connectors
See pages 39 – 42

## PVDF Nipples
See page 21

## Gauges
See pages 45 – 47

## Strainers
See page 11

## Nylon Couplers
See page 13

## Manifold Valve System
See page 7

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BEE VALVE INC.

Printed in U.S.A.

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Catalog No. BV 0109