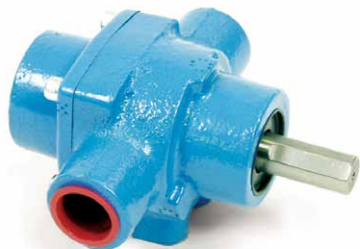




## Hypro Roller Pumps

Ideal for farm sprayers, pest control and chemical application usage.



- Housings available in cast-iron, Ni-resist or silver series
- Self-priming operation; roller pumps should not be run dry
- Adaptable to PTOs or gas engines
- Standard seals are Viton or Buna
- Standard super rollers provide the chemical resistance of nylon and long life of polypropylene
- Rotation is determined by looking at shaft end of pump
- Counter-clockwise is standard on all except 4001 and 4101 Series
- Maximum fluid temperature is 140°

| Part #      | Old No. | Model No. | Housing | Rotation | Shaft dia | No. of Rollers | Seals |
|-------------|---------|-----------|---------|----------|-----------|----------------|-------|
| 8.702-278.0 | 100814  | 4001C     | CI      | CW       | 5/8"      | 4              | V     |
| 8.702-281.0 | 100817  | 4101C     | CI      | CW       | 5/8"      | 4              | V     |
| 8.702-259.0 | 100778  | 4101N     | N       | CW       | 5/8"      | 4              | V     |
| 8.702-280.0 | 100815  | 4001XL    | SL      | CW       | 5/8"      | 4              | V     |
| 8.702-261.0 | 100784  | 6500C     | CI      | CCW      | 5/8"      | 6              | V     |
| 8.702-263.0 | 100784R | 6500C-R   | CI      | CW       | 5/8"      | 6              | V     |
| 8.702-262.0 | 100784N | 6500N     | N       | CCW      | 5/8"      | 6              | V     |
| 8.702-264.0 | 100784X | 6500XL-R  | SL      | CW       | 5/8"      | 6              | V     |
| 8.702-282.0 | 100819  | 7560C     | CI      | CCW      | 15/16"    | 8              | V     |
| 8.702-283.0 | 100819R | 7560C-R   | CI      | CW       | 15/16"    | 8              | V     |
| 8.702-286.0 | 100823R | 7560N-R   | N       | CW       | 15/16"    | 8              | V     |

8.700-082.0 069665 Shaft Adapter (5/8" to 3/4")

NOTE: CI = Cast-Iron, N = Ni-Resist, SL = Silver Last

## Performance Tables



### Series 4001

- Max PSI 150
- Max GPM 9
- Max RPM 1,800

| Pressure in PSI | GPM @1,100 RPM | HP  | GPM @1,400 RPM | HP  | GPM @1,800 RPM | HP   |
|-----------------|----------------|-----|----------------|-----|----------------|------|
| 50              | 4.4            | .24 | 5.9            | .32 | 8.0            | 0.46 |
| 100             | 3.8            | .41 | 5.3            | .56 | 7.3            | 0.78 |
| 125             | 3.5            | .50 | 5.0            | .68 | 7.0            | 0.95 |
| 150             | 3.3            | .62 | 4.8            | .78 | 6.7            | 1.10 |

### Series 6500

- Max PSI 300
- Max GPM 18.2
- Max RPM 1,000

| Pressure in PSI | GPM @1,100 RPM | HP   | GPM @1,400 RPM | HP   | GPM @1,800 RPM | HP   |
|-----------------|----------------|------|----------------|------|----------------|------|
| 50              | 8.0            | 0.38 | 16.5           | 0.71 | 20.1           | 0.90 |
| 100             | 7.2            | 0.68 | 15.4           | 1.26 | 19.1           | 1.51 |
| 200             | 5.6            | 1.29 | 14.0           | 2.34 | 17.3           | 2.84 |
| 300             | 4.3            | 1.91 | 12.7           | 3.47 | 15.7           | 4.17 |

### Series 4101

- Max PSI 150
- Max GPM 7
- Max RPM 2,600

| Pressure in PSI | GPM @1,100 RPM | HP  | GPM @1,400 RPM | HP  | GPM @1,800 RPM | HP    |
|-----------------|----------------|-----|----------------|-----|----------------|-------|
| 50              | 4.5            | .34 | 5.60           | .40 | 6.6            | 0.46  |
| 100             | 3.9            | .56 | 5.00           | .68 | 6.0            | 0.76  |
| 125             | 3.7            | .68 | 0.82           | .82 | 5.7            | 0.92  |
| 150             | 3.4            | .78 | 4.40           | .96 | 5.4            | 1.08v |

### Series 7560

- Max PSI 300
- Max GPM 22.5
- Max RPM 1,000

| Pressure in PSI | GPM @1,100 RPM | HP   | GPM @1,400 RPM | HP   | GPM @1,800 RPM | HP   |
|-----------------|----------------|------|----------------|------|----------------|------|
| 50              | 11.1           | 0.74 | 17.5           | 1.26 | 22.0           | 1.78 |
| 100             | 10.3           | 1.25 | 16.9           | 1.95 | 21.3           | 2.53 |
| 200             | 8.6            | 2.26 | 15.5           | 3.40 | 20.0           | 4.20 |
| 300             | 7.1            | 3.30 | 18.9           | 5.30 | 18.0           | 6.10 |

## Twin-Diaphragm Spot Spray Pump



### Specifications:

- 1 GPM (open)
- 35 PSI (#8 tip)
- 3/8" hose barb inlet/outlet
- Self-priming to 2.5 feet
- Operating temperature 40°-110°F
- Liquid temperature 110°F max
- 5 Amp fuse
- 1.3 lbs. dry weight

### Features:

- Compact automatic on-demand operation
- Sealed pressure switch automatically stops pump when discharge valve opens and closes
- Self-priming so pump can be located above supply tank
- Can run dry for extended periods without damage
- Built-in thermal protection on 12V DC motor
- Low-Amp draw ( 2.5 @ 25 PSI, 4.0 @ 35 PSI)
- Chemical-resistant valves and diaphragm

| Part #      | Old No. | Description     | Open Flow | Max PSI | Power  |
|-------------|---------|-----------------|-----------|---------|--------|
| 8.702-326.0 | 100880  | Spot Spray Pump | 1.0       | 35      | 12V DC |

## Flojet Diaphragm Pump

# FLOJET

Built-in pressure switch automatically starts and stops pump instantaneously.



- Can run dry without damage
- Excellent self-priming capability
- Low-current draw

| Part #             | Old No.        | Flojet Model No. | Power  | Max Flow | Max PSI | Ports     | Diaphragm* | Valves* |
|--------------------|----------------|------------------|--------|----------|---------|-----------|------------|---------|
| <b>8.702-325.0</b> | <b>100879</b>  | 2135-561         | 12V DC | 1.48     | 60      | 3/8" FPT  | B          | V       |
| <b>8.702-328.0</b> | <b>100884</b>  | 4300-142A        | 12V DC | 3.30     | 40      | 1/2" Barb | S          | E       |
| <b>8.702-312.0</b> | <b>100863</b>  | 2100-032         | 115V   | 1.85     | 50      | 3/8" FPT  | S          | S       |
| <b>8.702-337.0</b> | <b>100895</b>  | 2100-022A        | 115V   | 1.85     | 50      | 3/8" FPT  | V          | V       |
| <b>8.702-331.0</b> | <b>100888</b>  | 4300-042         | 115V   | 3.70     | 35      | 1/2" Barb | S          | E       |
| <b>8.702-329.0</b> | <b>100884A</b> | 4300-043A        | 115V   | 4.70     | 35      | 1/2" Barb | S          | E       |

\* B = BUNA V = Viton E = EPDM S = Santoprene

NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## Diaphragm Pump Units

# SHURflo

1.00-3.8 GPM integrated pump motor units. Powered by 12V DC or 115V AC power. Pumps are standard with Santoprene® diaphragms and Viton valves for excellent service with a wide variety of sprayable products.

**NOTE: Flow is reduced as pressure is increased (i.e. 100850 pumps 1.12 GPM @ 60 PSI) Automatic demand control on/off.**



- Chemical-resistant materials
- Self-priming
- Automatic demand pressure switch or internal bypass
- Can run dry without damage
- Low-Amp draw

| Part #             | Old No.       | Shurflo Model No. | Power  | Max Flow | Max PSI | Ports | Diaphragm* | Valves* |
|--------------------|---------------|-------------------|--------|----------|---------|-------|------------|---------|
| <b>8.702-294.0</b> | <b>100841</b> | 8000-541-236      | Demand | 12V DC   | 1.0     | 60    | 3/8" FPT   | S V     |
| <b>8.702-304.0</b> | <b>100854</b> | 8000-343-236      | Demand | 12V DC   | 1.2     | 60    | 3/8" FPT   | V V     |
| <b>8.702-300.0</b> | <b>100850</b> | 8000-543-236      | Demand | 12V DC   | 1.4     | 60    | 3/8" FPT   | S V     |
| <b>8.702-296.0</b> | <b>100844</b> | 8000-543-238      | Demand | 12V DC   | 1.4     | 100   | 3/8" FPT   | S V     |
| <b>8.702-335.0</b> | <b>100893</b> | 8030-813-239      | Demand | 12V DC   | 1.5     | 150   | 3/8" FPT   | S V     |
| <b>8.702-302.0</b> | <b>100852</b> | 8002-793-238      | Demand | 12V DC   | 1.7     | 100   | 3/8" FPT   | S E     |
| <b>8.702-311.0</b> | <b>100862</b> | 8000-532-256      | Demand | 115V     | 1.0     | 60    | 3/8" FPT   | S V     |
| <b>8.702-307.0</b> | <b>100857</b> | 8000-033-236      | Demand | 115V     | 1.0     | 60    | 3/8" FPT   | V V     |
| <b>8.702-306.0</b> | <b>100856</b> | 8000-533-236      | Demand | 115V     | 1.4     | 60    | 3/8" FPT   | S V     |
| <b>8.702-334.0</b> | <b>100892</b> | 8000-812-288      | Bypass | 115V     | 1.4     | 100   | 3/8" FPT   | S V     |
| <b>8.702-308.0</b> | <b>100858</b> | 8000-813-238      | Demand | 115V     | 1.6     | 100   | 3/8" FPT   | S V     |
| <b>8.702-338.0</b> | <b>100896</b> | 8000-713-238      | Demand | 115V     | 1.6     | 100   | 3/8" FPT   | S E     |

### 2088 Premium Series – self-priming up to 12 foot – Built-in Back Check

|                    |               |              |        |        |     |    |          |     |
|--------------------|---------------|--------------|--------|--------|-----|----|----------|-----|
| <b>8.702-305.0</b> | <b>100855</b> | 2088-343-135 | Demand | 12V DC | 3.0 | 50 | 1/2"-14M | S V |
| <b>8.702-303.0</b> | <b>100853</b> | 2088-313-145 | Demand | 12V DC | 3.6 | 50 | 1/2"-14M | S V |
| <b>8.702-301.0</b> | <b>100851</b> | 2088-712-244 | Demand | 12V DC | 3.8 | 50 | 1/2"-14M | S E |
| <b>8.702-310.0</b> | <b>100861</b> | 2088-394-154 | Demand | 115V   | 3.2 | 40 | 1/2"-14M | S V |

### 4111 – Double Head

|                    |               |          |        |     |     |    |          |     |
|--------------------|---------------|----------|--------|-----|-----|----|----------|-----|
| <b>8.702-339.0</b> | <b>100899</b> | 4111-035 | Demand | 12V | 7.0 | 50 | 1/2"-14M | S V |
|--------------------|---------------|----------|--------|-----|-----|----|----------|-----|

### 166 – Air Drive

|                    |               |            |        |     |     |    |           |     |
|--------------------|---------------|------------|--------|-----|-----|----|-----------|-----|
| <b>8.702-317.0</b> | <b>100870</b> | 166-200-56 | Demand | AIR | 2.0 | 60 | 3/8" Barb | E E |
| <b>8.702-318.0</b> | <b>100871</b> | 166-200-36 | Demand | AIR | 2.0 | 60 | 3/8" Barb | V V |

\*S = Santoprene V = Viton E = EPDM

NOTE: These units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## Aquatec 550 Series Diaphragm Pump

These pumps can either be controlled by a pressure switch ("demand" mode) or an external power control device. When required, an integrated bypass can be incorporated to help regulate pressure levels.



- Powerful flow rates up to 5.5 GPM/21 LPM at pressures up to 80 PSI/5.5 Bar
- Patented 5-chamber diaphragm and piston design
- Quiet noise levels and with minimal pulsations

| Part #             | Aquatec Model No. | Power  | Max Flow | Max PSI | Ports    | Diaphragm* | Valves* |
|--------------------|-------------------|--------|----------|---------|----------|------------|---------|
| <b>8.750-812.0</b> | 25513-1E11-M638   | 12V DC | 5.3      | 60      | 1/2" NPT | S          | E       |

## Industrial Chemical Sprayer

Excellent pre-prep chemical applicator. Trigger control, demand flow, wall-mount cabinet, enclosed pump unit pulls chemical from a bulk tank and delivers it through 100' lightweight hose for low-pressure stream/ cone or mist application. Operator simply squeezes trigger for instant application.



- Diaphragm pump units
- 60 PSI pressure
- Choice of 12V DC or 110V DC
- 100-foot hose
- Adjustable nozzle for cone mist to straight stream
- Durable Santoprene and Viton-wetted parts

| Part #                              | Old No. | Description     | Motor   | PSI | GPM  |
|-------------------------------------|---------|-----------------|---------|-----|------|
| <b>Wall Mount / Cabinet Sprayer</b> |         |                 |         |     |      |
| 8.906-090.0                         | 810020  | Chem Applicator | 115V AC | 60  | 1.15 |
| 8.906-089.0                         | 810010  | Chem Applicator | 12V DC  | 60  | 1.02 |

NOTE: These Units are designed to withstand many harsh chemicals. However, because compounds and concentrations of materials pumped through these units are beyond the manufacturer's control, the manufacturer DOES NOT PROVIDE A WARRANTY on the wet-end of the pump.

## 910 Spot Spray Gun Assembly

High-pressure trigger gun adapted to spot spray application.



- Durable and comfortable
- 12" plated steel lance
- 1/4" hose barb inlet
- #2 blue adjustable nozzle

| Part #      | Old No. | Description                 |
|-------------|---------|-----------------------------|
| 8.904-088.0 | 352940  | 910 Spot Spray Gun Assembly |

## Spraymax Trigger Gun

For pest control applications.



- 1000 PSI
- 200° temperature
- Compare to JD-9, Mag-1, Robco and Ges
- Adjusts from fine mist to straight stream
- Drip-free shutoff
- Crafted for all-day comfortable use
- Larger trigger for 4-fingered grip

| Part #      | Old No. | Description                 |
|-------------|---------|-----------------------------|
| 8.708-995.0 | 266693  | With 1/2" Inlet             |
| 8.902-783.0 | 266693X | With 3/4" Garden Hose Inlet |
| 8.709-028.0 | 268047  | Repair Kit                  |

## Trigger-Control Spray Lances

Excellent for low-pressure chemical applications up to 150 PSI. Available in either plastic- or brass-lance tube. Works well with neutral, alkaline or mild acid solutions.



- Steel trigger and service wrench
- Plastic valve body
- Brass-needle plunger
- Filter screen in nozzle housing
- Standard 11/16" outlet thread for standard low-pressure nozzle
- Cone nozzle adjusts 0-80°
- Accepts the adjustable cone nozzles or standard tip-jet nozzles (11/16 nozzle thread)
- 24" lance — brass or plastic

| Part #               | Old No. | Description               |
|----------------------|---------|---------------------------|
| <b>Trigger Lance</b> |         |                           |
| 8.902-777.0          | 266606  | Brass w/o Nozzle          |
| 8.902-778.0          | 266607  | Plastic w/o Nozzle        |
| 8.708-977.0          | 266603  | Plastic w/ Red Nozzle     |
| 8.708-978.0          | 266610  | Brass w/ Red Nozzle       |
| 8.700-493.0          | 076700  | Needle Valve and Seal Kit |

| Part #   | Old No. | Description | 80° Straight | Cone |
|--|---------|-------------|--------------|------|
| <b>Adjustable Nozzle – GPM @ 40 PSI / Adjust 0-80°</b> |         |             |              |      |
| 8.708-979.0  | 266611  | #1 Yellow   | .316         | .156 |
| 8.708-980.0  | 266612  | #2 Red      | .545         | .204 |
| 8.708-981.0  | 266613  | #3 Blue     | .720         | .250 |

## Trigger Valves

Versatile hand-held trigger valves for chemical or water-flow control.



- 1/2" FPT inlet/outlet
- Lock-on trigger loop
- 18.5 GPM
- 700 PSI

| Part #                              | Old No. | Description           |
|-------------------------------------|---------|-----------------------|
| <b>Aluminum Body – SS/ BR Valve</b> |         |                       |
| 8.708-982.0                         | 266652  | Trigger Valve – Viton |
| <b>Plastic body – SS/ BR Valve</b>  |         |                       |
| 8.708-983.0                         | 266658  | Trigger Valve – Viton |
| 8.708-984.0                         | 266659  | Trigger Valve – Buna  |

## Trigger-Jet Spray Lances

Low-pressure chemical application lance will tolerate mild acid solutions.



- Diaphragm shut-off valve
- Hand-grip trigger control
- Plastic lance tube resistant to acids and agricultural chemicals
- 150 PSI
- Excellent for mild acids or alkali chemicals
- Polypropylene body EPDM seals STD
- 11/16" — nozzle connect outlet

| Part #               | Old No. | Description               |
|----------------------|---------|---------------------------|
| <b>Trigger Lance</b> |         |                           |
| 8.709-182.0          | 302250V | 24" 1/4" FPT inlet, Viton |
| 8.709-183.0          | 302251  | 24" 1/4" HB inlet, EPDM   |
| 8.709-184.0          | 302252V | 3/8" Hose Barb, Viton     |

| Trigger Value Only |         |                                      |
|--------------------|---------|--------------------------------------|
| 8.709-185.0        | 302254V | 3/8" HB Inlet/ 11/16" Outlet, Viton  |
| 8.709-186.0        | 302255V | 1/4" HB Inlet/ 11/16" Outlet, Viton  |
| 8.709-187.0        | 302256V | 1/4" FPT Inlet/ 11/16" Outlet, Viton |

| Parts and Accessories – Trigger Jet Lance |        |                                      |
|---|--------|--------------------------------------|
| 8.709-188.0                               | 302258 | Adapter, 11/16" x 11/16" PP          |
| 8.709-189.0                               | 302259 | 24" Lance Tube only                  |
| 8.709-190.0                               | 302260 | 24" Lance Tube w/ Seals and Fittings |

| Trigger Jet Nozzles – Polypropylene adjust from 0° to 60° Cone |        |                                     |
|--|--------|-------------------------------------|
| 8.709-192.0  | 302263 | Yellow Core(x 3), .23 GPM/ 60 PSI   |
| 8.709-193.0  | 302265 | Green Core (x 5), .37 GPM/ 60 PSI   |
| 8.709-194.0  | 302266 | Red Core (x 6), .45 GPM/ 60 PSI     |
| 8.709-195.0  | 302268 | Gray Core (x 8), .57 GPM/ 60 PSI    |
| 8.709-196.0  | 302272 | Brown Core (x 12), .84 GPM/ 60 PSI  |
| 8.709-197.0  | 302274 | Orange Core (x 18), 1.2 GPM/ 60 PSI |

## Turbine Series Guns

Forged-brass housings, stainless-steel lances, mist cone to straight stream adjustment, on/off control, lock-on trigger, 1/2" MPT inlet Viton seals, up to 1200 PSI at 140°F.



- 1200 PSI
- 1/2" BSP male inlet
- Weighs only 4 lbs.
- Standard 15 x 1 LRT (4.5mm)
- 62 ft.-reach, straight stream @ 850 PSI
- 31.5 ft.-reach, full cone @ 850 PSI

| Part #      | Old No. | Description        | Length  |
|-------------|---------|--------------------|---------|
| 8.708-990.0 | 266680  | Long Range Turbine | 27-1/2" |
| 8.708-989.0 | 266676  | Turbine            | 26-1/2" |

## 15 x 1 Long Range Tip – Stainless-Steel

Best used with long-range turbine gun.



- 15 x 1 long-range tip
- Stainless-steel body
- 850 PSI
- 24.4 GPM
- 77 ft. max throw range

| Old No.     | Part # | Orifice Dia (mm) | Old No.     | Part # | Orifice Dia (mm) |
|-------------|--------|------------------|-------------|--------|------------------|
| 8.708-998.0 | 266706 | 3.5              | 8.709-001.0 | 266709 | 5.0              |
| 8.708-999.0 | 266707 | 4.0              | 8.709-002.0 | 266710 | 5.5              |
| 8.709-000.0 | 266708 | 4.5              | 8.709-003.0 | 266711 | 6.0              |
|             |        |                  | 8.709-004.0 | 266712 | 7.0              |

## Low-Flow Brass Pressure Regulator



- For sprayers pumping up to 5 GPM
- Durable and strong brass construction
- Stainless-steel spring
- Positive Viton seal to prevent leakage
- Knurled locknut for easy adjustment
- 1/2" MPT inlet
- 1/2" FPT outlet
- 120°F temperature
- 10.3 oz weight

| Part #      | Old No. | Description |
|-------------|---------|-------------|
| 8.712-553.0 | 462207  | 200-650 PSI |
| 8.712-554.0 | 462208  | 0-300 PSI   |

## Brass Pressure Regulator

Durable and strong.



- For sprayers pumping up to 15 GPM
- Adjustable pressure ranges
- Stainless-steel spring
- Tee-handle adjustment screw
- 3/4" MPT inlet
- Knurled locknut for ease of locking in adjustment
- 3/4" FPT outlet
- 120°F temperature
- 10.3 oz weight

| Part #      | Old No. | Description |
|-------------|---------|-------------|
| 8.712-557.0 | 462217  | 0-300 PSI   |
| 8.712-558.0 | 462218  | 300-700 PSI |

## Heavy-Duty Swivels

Live swivels help prevent twisted and tangled hose.



8.708-996.0

- Brass body and stainless-steel bolt
- Viton seals
- 600 PSI
- 1/2" MPT inlet and 1/2" outlet

| Part #      | Old No. | Description              |
|-------------|---------|--------------------------|
| 8.708-996.0 | 266700  | Swivel 1/2" M x F        |
| 8.708-997.0 | 266701  | Swivel 1/2" M x 3/4" FGH |

## Nylon Pressure Regulator

Maximum corrosion resistance.



- Built to handle up to 15 GPM
- Stainless-steel spring
- Positive Viton seal prevents leakage and provides the best chemical resistance
- Knurled locknut for ease of locking in adjustment
- Tee-handle adjustment screw
- Choice of 1/2" or 3/4" inlet/outlet
- Male inlet/female outlet
- 120°F temperature
- 4 oz weight

| Part #      | Old No. | Inlet | Outlet | Adjustable Pressure Range |
|-------------|---------|-------|--------|---------------------------|
| 8.712-555.0 | 462212  | 1/2"  | 3/4"   | 0-250 PSI                 |
| 8.712-552.0 | 462202  | 3/4"  | 3/4"   | 0-250 PSI                 |
| 8.712-556.0 | 462213  | 3/4"  | 3/4"   | 0-400 PSI                 |

## Bulkhead Fittings



- Black polypropylene
- Double-threaded with EPDM gasket
- Opening same size as outside diameter

| Part #      | Old No. | FPT    | Hole Dia |
|-------------|---------|--------|----------|
| 8.705-336.0 | 141232  | 1/2"   | 1-5/8"   |
| 8.705-338.0 | 141234  | 3/4"   | 1-5/8"   |
| 8.705-144.0 | 140430  | 3/4"   | 1-3/4"   |
| 8.705-145.0 | 140432  | 1"     | 1-3/4"   |
| 8.705-339.0 | 141236  | 1"     | 2-1/2"   |
| 8.705-341.0 | 141238  | 1-1/4" | 2-1/2"   |
| 8.705-342.0 | 141240  | 1-1/2" | 2-1/2"   |
| 8.705-146.0 | 140434  | 1-1/2" | 3"       |
| 8.705-147.0 | 140436  | 2"     | 3"       |
| 8.705-343.0 | 141242  | 2"     | 3-1/8"   |

### Gaskets for Above

|             |        |                         |
|-------------|--------|-------------------------|
| 8.705-337.0 | 141233 | Fits 1/2", 3/4"         |
| 8.705-340.0 | 141237 | Fits 1", 1-1/4", 1-1/2" |
| 8.705-344.0 | 141243 | Fits 2"                 |

## Brass Bulkhead / Tank Fittings



- Use to drain or remove liquids from tanks, drums, etc.
- Heavy-duty brass
- Includes nut and aluminum grip washer

| Part #      | Old No. | Overall Length | Mounting Hole Dia |
|-------------|---------|----------------|-------------------|
| 8.705-139.0 | 140417  | 1/8" x 1.5"    | 5/8"              |
| 8.705-140.0 | 140419  | 1/4" x .94"    | 3/4"              |
| 8.705-141.0 | 140420  | 1/4" x 1.5"    | 3/4"              |
| 9.802-149.0 | 140421  | 3/8" x 1.3"    | 1"                |
| 9.802-150.0 | 140422  | 1/2" x 1.5"    | 1-1/8"            |

NOTE: Installation requires access to inside of tank.

## Diaphragm Check Valves – Nylon

For drip-free spraying.



- 125 PSI
- 2 GPM
- Nylon body, polypropylene end cap – EPDM – diaphragm
- 10 PSI opening pressure
- 1/4" MPT inlet, 11/16" — 16 male outlet nozzle thread
- Spring-backed diaphragm for positive action

| Part #      | Old No. | Description            |
|-------------|---------|------------------------|
| 8.709-377.0 | 310851  | Diaphragm Check Valves |

**DO NOT USE ... Polypropylene for:** gasoline, nitric acid, trichlorethylene, toluene, aromatic hydrocarbons or kerosene. Polypropylene "P" — black/glass reinforced.

**DO NOT USE ... Nylon for:** hydrochloric acid, chlorine, fluorine, nitric, xylene or phosphoric or sulfuric acids. Nylon 6/6 "N" white/natural color.

## Plastic Fittings

For cater and chemical supply lines. Ideal for use with most alkaline-based detergents, most agricultural chemicals, ethanol, and most ammonium and sodium-based compounds.

- 150 PSI
- 140°F max @ 90 PSI
- 90°F max @ 150 PSI

| Part #                         | Old No. | Description | Barb x MPT  |
|--------------------------------|---------|-------------|-------------|
| <b>Hose Barbs – Barb x MPT</b> |         |             |             |
| 8.705-262.0                    | 141077P | Poly        | 1/4" x 1/4" |
| 8.705-264.0                    | 141080P | Poly        | 1/4" x 3/8" |
| 8.705-263.0                    | 141078P | Poly        | 3/8" x 1/4" |
| 8.705-265.0                    | 141081P | Poly        | 3/8" x 3/8" |
| 8.705-268.0                    | 141084P | Poly        | 1/2" x 3/8" |
| 8.705-270.0                    | 141086P | Poly        | 5/8" x 1/2" |
| 8.705-277.0                    | 141102N | Nylon       | 1/4" x 1/4" |
| 8.705-280.0                    | 141105N | Nylon       | 1/4" x 3/8" |
| 8.705-278.0                    | 141103N | Nylon       | 3/8" x 1/4" |
| 8.705-281.0                    | 141106N | Nylon       | 3/8" x 3/8" |
| 8.705-284.0                    | 141110N | Nylon       | 3/8" x 1/2" |
| 8.705-282.0                    | 141107N | Nylon       | 1/2" x 3/8" |
| 8.705-285.0                    | 141111N | Nylon       | 1/2" x 1/2" |
| 8.705-288.0                    | 141117N | Nylon       | 1/2" x 3/4" |
| 8.705-283.0                    | 141108N | Nylon       | 5/8" x 3/8" |
| 8.705-286.0                    | 141112N | Nylon       | 5/8" x 1/2" |
| 8.705-289.0                    | 141118N | Nylon       | 5/8" x 3/4" |
| 8.705-287.0                    | 141113N | Nylon       | 3/4" x 1/2" |
| 8.705-290.0                    | 141119N | Nylon       | 3/4" x 3/4" |
| 8.705-291.0                    | 141120N | Nylon       | 1" x 3/4"   |

|                              |         |       |             |
|------------------------------|---------|-------|-------------|
| <b>90° Barb x MPT Elbows</b> |         |       |             |
| 8.705-293.0                  | 141125P | Poly  | 1/4" x 1/4" |
| 8.705-296.0                  | 141130P | Poly  | 1/4" x 3/8" |
| 8.705-294.0                  | 141126P | Poly  | 3/8" x 1/4" |
| 8.705-298.0                  | 141131P | Poly  | 3/8" x 3/8" |
| 8.705-301.0                  | 141136P | Poly  | 3/8" x 1/2" |
| 8.705-295.0                  | 141127P | Poly  | 1/2" x 1/4" |
| 8.705-299.0                  | 141132P | Poly  | 1/2" x 3/8" |
| 8.705-303.0                  | 141137P | Poly  | 1/2" x 1/2" |
| 8.705-307.0                  | 141141P | Poly  | 1/2" x 3/4" |
| 8.705-304.0                  | 141138P | Poly  | 5/8" x 1/2" |
| 8.705-308.0                  | 141142P | Poly  | 5/8" x 3/4" |
| 8.705-305.0                  | 141139P | Poly  | 3/4" x 1/2" |
| 8.705-310.0                  | 141143P | Poly  | 3/4" x 3/4" |
| 8.705-297.0                  | 141131N | Nylon | 3/8" x 3/8" |
| 8.705-300.0                  | 141136N | Nylon | 3/8" x 1/2" |
| 8.705-302.0                  | 141137N | Nylon | 1/2" x 1/2" |
| 8.705-306.0                  | 141141N | Nylon | 1/2" x 3/4" |
| 8.705-309.0                  | 141143N | Nylon | 3/4" x 3/4" |

|                               |         |       |             |
|-------------------------------|---------|-------|-------------|
| <b>HEX Nipple – MPT x MPT</b> |         |       |             |
| 8.705-316.0                   | 141184P | Poly  | 1/4" x 1/4" |
| 8.705-317.0                   | 141185P | Poly  | 3/8" x 3/8" |
| 8.705-323.0                   | 141190P | Poly  | 1/2" x 3/8" |
| 8.705-319.0                   | 141186P | Poly  | 1/2" x 1/2" |
| 8.705-326.0                   | 141193P | Poly  | 3/4" x 1/2" |
| 8.705-321.0                   | 141187P | Poly  | 3/4" x 3/4" |
| 8.705-324.0                   | 141191N | Nylon | 1/2" x 1/4" |
| 8.705-322.0                   | 141190N | Nylon | 1/2" x 3/8" |
| 8.705-318.0                   | 141186N | Nylon | 1/2" x 1/2" |
| 8.705-320.0                   | 141187N | Nylon | 3/4" x 3/4" |

|                             |         |      |             |
|-----------------------------|---------|------|-------------|
| <b>Elbows – Barb x Barb</b> |         |      |             |
| 8.705-335.0                 | 141216P | Poly | 3/8" x 3/8" |

|                                |         |       |            |
|--------------------------------|---------|-------|------------|
| <b>Tees Barb x Barb x Barb</b> |         |       |            |
| 8.705-329.0                    | 141207P | Poly  | 1/2" BxBxB |
| 8.705-332.0                    | 141215P | Poly  | 3/4" BxBxB |
| 8.705-327.0                    | 141202N | Nylon | 1/4" BxBxB |
| 8.705-328.0                    | 141205N | Nylon | 3/8" BxBxB |
| 8.705-334.0                    | 141216N | Nylon | 3/4" BxBxB |

"Push-On" Hose Barbs – (Normally does not require clamps)

|             |         |       |                 |
|-------------|---------|-------|-----------------|
| 8.705-346.0 | 141305N | Nylon | 1/4" Bx1/4" FPT |
|-------------|---------|-------|-----------------|