



280 Series: Single-Size High-Flow / No-Flow Diverters



Example: 280-8

- No Confined Space Entry Necessary to Control Flow or Place Plug
- Great for T.V. Van Applications
- Open or Close Interior Bladder Remotely
- Use in Rehab, Re-Lining, & New Construction
- Pole Attachment Available
- Seals 98% of Flow
- NOT FOR AIR TESTING

Available for Rent or Sale!



Inside Bladder Uninflated



Inside Bladder Partially Inflated



Inside Bladder Inflated & Closed

| 280 Series: Single-Size High-Flow / No-Flow Diverters | | | | | | | | |
|---|------------|----------|--------|---------------------|-----------------------------|----------------|-----------------------------|-------|
| PART # | SIZE RANGE | DIAMETER | LENGTH | MAX INSIDE DIAMETER | REQUIRED INFLATION PRESSURE | | MAX ALLOWABLE BACK PRESSURE | |
| | | | | | OUTSIDE BLADDER | INSIDE BLADDER | AIR | WATER |
| 280-6 | 6.0" | 5.0" | 12.0" | 3.0" | 25 psi | 0-10 psi | - | 15 ft |
| | 150 mm | 127 mm | 305 mm | 76 mm | 1.7 bar | 0-0.69 bar | - | 4.6 m |
| 280-8 | 8.0" | 7.0" | 12.0" | 5.0" | 25 psi | 0-10 psi | - | 15 ft |
| | 200 mm | 178 mm | 305 mm | 127 mm | 1.7 bar | 0-0.69 bar | - | 4.6 m |
| 280-10 | 10.0" | 9.0" | 15.0" | 7.0" | 25 psi | 0-10 psi | - | 15 ft |
| | 250 mm | 229 mm | 381 mm | 178 mm | 1.7 bar | 0-0.69 bar | - | 4.6 m |
| 280-12 | 12.0" | 10.0" | 18.0" | 9.0" | 25 psi | 0-10 psi | - | 15 ft |
| | 300 mm | 254 mm | 457 mm | 229 mm | 1.7 bar | 0-0.69 bar | - | 4.6 m |
| 280-15 | 15.0" | 13.5" | 18.0" | 11.0" | 25 psi | 0-10 psi | - | 15 ft |
| | 375 mm | 343 mm | 457 mm | 279 mm | 1.7 bar | 0-0.69 bar | - | 4.6 m |

Pipe Plugs & Accessories

400 Series: Multi-Size Flow Diverters



Example: 400-812-4

Example: 400-1218-4

- Durable, Rugged, Aluminum Construction
- Pump/Rental Industry Approved
- All Aluminum Body
- Inflation Port not in Rubber
- 2 Ply Polyester Reinforced
- Male NPT Threads
- PVC Cap Provided Through 6" Bypass
- Heavy Duty Bladder
- 40 PSI Inflation Pressure
- 1 Piece Forged Steel Eyelets
- Factory Repairable/Replaceable Bladder
- Offset Bypass



125 Series
Safety Inflation
Rope/Hose
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Pipe Plugs & Accessories

400 Series: Multi-Size Flow Diverters

| PART # | SIZE RANGE | DIAMETER | LENGTH | BYPASS SIZE | WEIGHT | REQUIRED INFLATION PRESSURE | PIPE SIZE | MAX ALLOWABLE BACK PRESSURE | |
|-------------|------------------------------|-----------------|-----------------|-----------------|---------------------|-----------------------------|-----------|-----------------------------|--------|
| | | | | | | | | AIR | WATER |
| 400-48-2 | 4.0"-8.0" 100 mm-200mm | 3.8" 97 mm | 22.0" 559 mm | 2.0" 51 mm | 7.0 lbs 3.2 kg | 40 psi 2.8 bar | 4.0" | 15 psi | 45 ft |
| | | | | | | | 100 mm | 1.0 bar | 13.7 m |
| | | | | | | | 6.0" | 15 psi | 40 ft |
| | | | | | | | 150 mm | 1.0 bar | 12.2 m |
| 400-610-3 | 5.5"-10.5" 150 mm-275 mm | 5.5" 140 mm | 22.0" 559 mm | 3.0" 76 mm | 13.0 lbs 5.9 kg | 40 psi 2.8 bar | 6.0" | 15 psi | 45 ft |
| | | | | | | | 150 mm | 1.0 bar | 13.7 m |
| | | | | | | | 8.0" | 15 psi | 40 ft |
| | | | | | | | 200 mm | 1.0 bar | 12.2 m |
| 400-812-3 | 7.0"-12.5" 175 mm-325 mm | 6.5" 165 mm | 22.0" 559 mm | 3.0" 76 mm | 18.0 lbs 8.2 kg | 40 psi 2.8 bar | 8.0" | 15 psi | 45 ft |
| | | | | | | | 200 mm | 1.0 bar | 13.7 m |
| | | | | | | | 10.0" | 15 psi | 40 ft |
| | | | | | | | 250 mm | 1.0 bar | 10.7 m |
| 400-812-4 | | | | 4.0" 102 mm | | | 250 mm | 1.0 bar | 12.2 m |
| | | | | | | | 12.0" | 10 psi | 35 ft |
| | | | | | | | 300 mm | 0.7 bar | 10.7 m |
| 400-1016-3 | 9.0"-16.0" 225 mm-400 mm | 8.5" 216 mm | 22.0" 559 mm | 3.0" 76 mm | 26.0 lbs 11.8 kg | 40 psi 2.8 bar | 10.0" | 15 psi | 45 ft |
| | | | | 4.0" | | | 250 mm | 1.0 bar | 13.7 m |
| 400-1016-4 | | | | 102 mm | | | 12.0" | 15 psi | 45 ft |
| 400-1016-6 | | | | 6.0" 152 mm | | | 300 mm | 1.0 bar | 13.7 m |
| | | | | | | | 16.0" | 10 psi | 35 ft |
| | | | | | | | 400 mm | 0.7 bar | 10.7 m |
| 400-1218-4 | 10.5"-18.0" 275 mm-450 mm | 10.0" 254 mm | 22.0" 559 mm | 4.0" 102 mm | 34.0 lbs 15.4 kg | 40 psi 2.8 bar | 12.0" | 15 psi | 40 ft |
| | | | | 102 mm | | | 300 mm | 1.0 bar | 12.2 m |
| 400-1218-6 | | | | 6.0" 152 mm | | | 15.0" | 15 psi | 35 ft |
| | | | | | | | 375 mm | 1.0 bar | 10.7 m |
| 400-1218-8 | | | | 8.0" 203 mm | | | 18.0" | 10 psi | 30 ft |
| | | | | | | | 450 mm | 0.7 bar | 9.1 m |
| 400-1521-4 | 14.0"-21.0" 350 mm-550 mm | 13.5" 343 mm | 24.0" 610 mm | 4.0" 102 mm | 46.0 lbs 20.9 kg | 40 psi 2.8 bar | 15.0" | 15 psi | 40 ft |
| | | | | 102 mm | | | 375 mm | 1.0 bar | 12.2 m |
| 400-1521-6 | | | | 6.0" 152 mm | | | 18.0" | 15 psi | 35 ft |
| | | | | | | | 450 mm | 1.0 bar | 10.7 m |
| 400-1521-8 | | | | 8.0" 203 mm | | | 21.0" | 10 psi | 30 ft |
| | | | | | | | 525 mm | 0.7 bar | 9.1 m |
| 400-1521-10 | | | | 10.0" 254 mm | | | | | |
| 400-1824-4 | 16.5"-24.0" 425 mm-625 mm | 16.0" 406 mm | 24.5" 622 mm | 4.0" 102 mm | 60.0 lbs 27.2 kg | 40 psi 2.8 bar | 18.0" | 15 psi | 40 ft |
| | | | | 102 mm | | | 450 mm | 1.0 bar | 12.2 m |
| 400-1824-6 | | | | 6.0" 152 mm | | | 21.0" | 15 psi | 35 ft |
| | | | | | | | 525 mm | 1.0 bar | 10.7 m |
| 400-1824-8 | | | | 8.0" 203 mm | | | 24.0" | 10 psi | 30 ft |
| | | | | | | | 600 mm | 0.7 bar | 9.1 m |
| 400-1824-10 | | | | 10.0" 254 mm | | | | | |



450 & 460 Series: Steam Process Plugs



Example: 450-48-2



Example: 460-6

- All Aluminum Construction
- Field Tested & Approved by CIPP Contractors
- DuPont Kevlar® Reinforced
- Long Lasting - Buy Fewer Plugs - More Cycles Per Plug!
- Factory Replaceable Bladder
- All with 2" MIP Bypass
- Basket Available with Larger Sizes
- Sturdy Aluminum Inflation Port. Port Not In Bladder!

| 450 Series: Multi-Size Steam Process - Kevlar Reinforced | | | | | |
|--|---------------|----------|--------|-------------|-----------------------------|
| PART # | SIZE RANGE | DIAMETER | LENGTH | BYPASS SIZE | REQUIRED INFLATION PRESSURE |
| 450-48-2 | 4.0"-8.0" | 3.8" | 22.0" | 2.0" | 40 psi |
| | 100 mm-200 mm | 97 mm | 559 mm | 51 mm | 2.8 bar |
| 450-610-2 | 6.0"-10.0" | 5.3" | 22.0" | 2.0" | 40 psi |
| | 150 mm-250 mm | 135 mm | 559 mm | 51 mm | 2.8 bar |
| 450-812-2 | 8.0"-12" | 6.5" | 22.0" | 2.0" | 40 psi |
| | 200 mm-300 mm | 165 mm | 559 mm | 51 mm | 2.8 bar |
| 450-1015-2 | 10.0"-15.0" | 8.5" | 22.0" | 2.0" | 40 psi |
| | 250 mm-400 mm | 216 mm | 559 mm | 51 mm | 2.8 bar |
| 450-1218-2 | 12.0"-18.0" | 10.0" | 22.0" | 2.0" | 40 psi |
| | 300 mm-450 mm | 254 mm | 559 mm | 51 mm | 2.8 bar |
| 450-1521-2 | 15.0"-21.0" | 13.5" | 24.0" | 2.0" | 40 psi |
| | 375 mm-550 mm | 343 mm | 610 mm | 51 mm | 2.8 bar |
| 450-1824-2 | 18.0"-24.0" | 16.0" | 24.5" | 2.0" | 40 psi |
| | 450 mm-625 mm | 406 mm | 622 mm | 51 mm | 2.8 bar |

Larger Sizes Available! Call 800.575.8448

| 460 Series: Single-Size Steam Process - Kevlar Reinforced | | | | | |
|---|------------|----------|--------|-------------|-----------------------------|
| PART # | SIZE RANGE | DIAMETER | LENGTH | BYPASS SIZE | REQUIRED INFLATION PRESSURE |
| 460-4 | 4.0" | 2.5" | 12.0" | 1.0" | 40 psi |
| | 100 mm | 64 mm | 305 mm | 25 mm | 2.8 bar |
| 460-6 | 6.0" | 3.8" | 12.0" | 2.0" | 40 psi |
| | 150 mm | 97 mm | 305 mm | 51 mm | 2.8 bar |
| 460-8 | 8.0" | 5.3" | 12.0" | 2.0" | 40 psi |
| | 200 mm | 135 mm | 305 mm | 51 mm | 2.8 bar |
| 460-10 | 10.0" | 6.5" | 12.0" | 2.0" | 40 psi |
| | 250 mm | 165 mm | 305 mm | 51 mm | 2.8 bar |
| 460-12 | 12.0" | 8.5" | 12.0" | 2.0" | 40 psi |
| | 300 mm | 216 mm | 305 mm | 51 mm | 2.8 bar |
| 460-15 | 15.0" | 10.0" | 12.0" | 2.0" | 40 psi |
| | 375 mm | 254 mm | 305 mm | 51 mm | 2.8 bar |
| 460-18 | 18.0" | 13.5" | 15.0" | 2.0" | 40 psi |
| | 450 mm | 343 mm | 381 mm | 51 mm | 2.8 bar |
| 460-21 | 21.0" | 16.0" | 15.0" | 2.0" | 40 psi |
| | 525 mm | 406 mm | 381 mm | 51 mm | 2.8 bar |
| 460-24 | 24.0" | 19.0" | 15.0" | 2.0" | 40 psi |
| | 600 mm | 483 mm | 381 mm | 51 mm | 2.8 bar |

Larger Sizes Available! Call 800.575.8448

Pipe Plugs & Accessories