

PLUG-IT PRODUCTS

- A DIFFERENT KIND OF PLUG COMPANY -



TEST & BLOCK PLUGS

FLOW DIVERSION



TEST EQUIPMENT

REHABILITATION



PRODUCT REFERENCE CATALOG



Safety Information, Conversions & Warranty

Please refer to the Plug-It Products Safety Manual for detailed instructions. The Safety Manual can be downloaded from www.plugitproducts.com or call 800-575-8448 to have one mailed.

- » Never use a plug in pipe diameters other than what the plug is designed for.
- » If a plug fails, it could result in DEATH, BODILY INJURY, AND/OR PROPERTY DAMAGE!
- » Read and understand the Plug-It Products Safety Manual before using a plug, even if you have been using plugs for 25 years!
- » Use the correct Safety Inflation Rope/Hose assembly to operate the plug outside of the **DANGER ZONE**.
- » Know the correct inflation pressure before placing the plug in the pipe.
- » PSI air is the same as PSI water, the forces are the same. However, air is compressible, making air pressure more dangerous.
- » Always use blocking to restrain the plug, keeping the plug in place.
- » Never deflate or remove a plug when there is pressure behind the plug.
- » Never use a plug that shows cuts, cracks, tears or holes in the plug's surface.
- » Always double plug, never rely on just one single plug.
- » The gauge on the Safety Inflation Rope/Hose is to monitor the pressure in the plug while in use, not just for inflation of the plug. Check the gauge to monitor the inflation pressure every 4 hours.

Calculating Thrust in a Pipe

- 1) Determine inside diameter of pipeline in inches (divide by 2 for Radius)
- 2) Determine maximum back pressure
- 3) Calculate thrust pressure (Radius x Radius x π x PSI)

Example:

Pipe Size = 30"

Radius = 15"

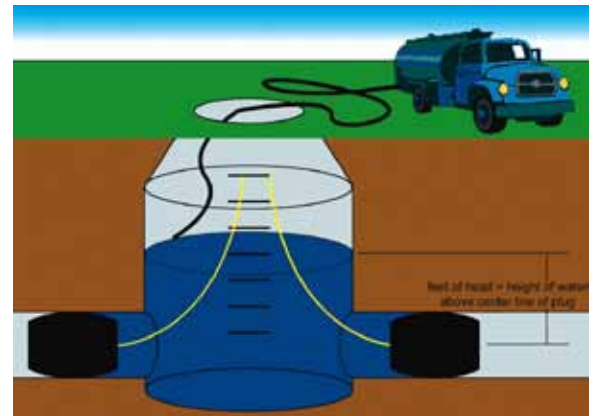
$\pi = 3.14$

Back Pressure = 10 psi

$15" \times 15" \times 3.14 \times 10 \text{ psi} = \mathbf{7,065 \text{ Pounds of Thrust}}$

Conversions

FROM:	TO:	MULTIPLY BY:
Pounds per Square Inch (psi)	Bars	0.069
Feet of Water (Head)	Pounds per Square Inch (psi)	0.4335
Feet of Water (Head)	Inches of Mercury	0.8825
Inches	Millimeters	25.4
Feet	Meters	0.3048
Pounds	Kilograms	0.4536
Radius X Radius X π X Psi = Pounds of Thrust		



All personnel who use or work in close proximity to Plug-It Products pneumatic plugs must be instructed and become familiar with proper installation, handling, and removal procedures. YOUR LIFE MAY DEPEND ON IT!

Plug-It Products pneumatic plugs are designed and manufactured with a firm commitment to quality and safety. We have strived to produce and provide the best quality product available. However, we cannot control or predict the unlimited workplace variables that can affect safety conditions. General safety conditions are overwhelmingly the result of workers adhering to and utilizing proper safety practices. Natural rubber plugs are NOT for use in oil, gas, or petroleum applications.

UNDERSTAND THAT EVERY JOB IS DIFFERENT and must be carefully examined to insure the safest procedure possible for each circumstance encountered. The safest plug on earth will not save you if it is handled improperly or if safety practices are ignored.

Our Safety Manuals are provided as a general guideline only. It is the user's responsibility to comply with any Local, State, and/or Federal Safety Regulation as it pertains to your geographical location or job situation.

CAUTION

DO NOT STAND DIRECTLY IN FRONT OF A PIPE OR REMAIN IN A MANHOLE WHILE PNEUMATIC PIPE PLUGS ARE IN USE. IF THE PLUG SHOULD FAIL, THE POSSIBILITY OF BODILY INJURY EXISTS. SEE SAFETY MANUAL ABOUT **DANGER ZONE**!

WARRANTY

Plug-It Products warrants all of its plugs against defects of material and workmanship for two (2) years from the purchase date of invoice (all other products carry a one (1) year warranty). Any product having a manufacturer defect in material or workmanship should be returned to Plug-It Products for evaluation. If the item is found to be defective, as stated above, Plug-It Products will repair or replace the product at its option. Plug-It Products will not accept responsibility for incidental or consequential damages caused by the use or misuse of our products, and its liability shall in all instances be limited to your actual purchase price of the defective product. There are no warranties (written or oral) which extend beyond the limited warranty set forth herein and all implied warranties of merchantability of fitness are excluded.

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INSIDE BACK COVER

600 Series: Multi-Size Back Plugs

600 Series: Multi-Size Back Plugs						MAX BACK PRESSURE		
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	REQUIRED INFLATION PRESSURE	PIPE SIZE	AIR	WATER
600-46	3.8"-6.0" 100 mm-150 mm	3.5" 89 mm	13.0" 330 mm	2.5 lbs 1.1 kg	35 psi 2.4 bar	4.0"	10 psi	25 ft
						100 mm	0.7 bar	7.6 m
						6.0"	10 psi	25 ft
						150 mm	0.7 bar	7.6 m
600-610	5.5"-10.0" 150 mm-250 mm	5.0" 127 mm	22.0" 559 mm	7.2 lbs 3.3 kg	35 psi 2.4 bar	6.0"	15 psi	40 ft
						150 mm	1.0 bar	12.2 m
						8.0"	15 psi	35 ft
						200 mm	1.0 bar	10.7 m
						10.0"	15 psi	35 ft
600-812	7.5"-12.0" 200 mm-300 mm	7.0" 178 mm	22.5" 572 mm	10.0 lbs 4.5 kg	35 psi 2.4 bar	250 mm	1.0 bar	10.7 m
						12.0"	15 psi	35 ft
						300 mm	1.0 bar	10.7 m
						10.0"	15 psi	40 ft
						250 mm	1.0 bar	12.2 m
600-1016	9.0"-16.0" 225 mm-400 mm	8.8" 224 mm	25.0" 635 mm	16.0 lbs 7.3 kg	35 psi 2.4 bar	10.0"	15 psi	40 ft
						250 mm	1.0 bar	12.2 m
						12.0"	15 psi	35 ft
						300 mm	1.0 bar	10.7 m
						15.0"	15 psi	35 ft
600-1218	11.0"-18.0" 275 mm-450 mm	10.5" 267 mm	28.0" 711 mm	21.5 lbs 9.7 kg	35 psi 2.4 bar	375 mm	1.0 bar	10.7 m
						18.0"	15 psi	35 ft
						450 mm	1.0 bar	10.7 m
						12.0"	15 psi	40 ft
						300 mm	1.0 bar	12.2 m
600-1224	11.0"-24.0" 275 mm-625 mm	10.5" 267 mm	47.0" 1194 mm	30.0 lbs 13.6 kg	25 psi 1.7 bar	15.0"	15 psi	35 ft
						375 mm	1.0 bar	12.2 m
						18.0"	15 psi	35 ft
						450 mm	1.0 bar	10.7 m
						12.0"	15 psi	40 ft
600-1521	13.5"-21.0" 350 mm-550 mm	13.0" 330 mm	31.5" 800 mm	30.0 lbs 13.6 kg	35 psi 2.4 bar	300 mm	1.0 bar	12.2 m
						18.0"	13 psi	30 ft
						450 mm	0.9 bar	9.1 m
						24.0"	10 psi	25 ft
						600 mm	0.7 bar	7.6 m
600-1530	13.5"-30.0" 350 mm-775 mm	13.0" 330 mm	57.0" 1548 mm	55.0 lbs 24.9 kg	25 psi 1.7 bar	15.0"	15 psi	40 ft
						375 mm	1.0 bar	12.2 m
						18.0"	15 psi	35 ft
						450 mm	1.0 bar	10.7 m
						21.0"	10 psi	30 ft
600-1824	16.0"-24.0" 400 mm-625 mm	15.5" 394 mm	35.5" 902 mm	38.5 lbs 17.5 kg	35 psi 2.4 bar	525 mm	0.7 bar	9.1 m
						15.0"	15 psi	40 ft
						375 mm	1.0 bar	12.2 m
						21.0"	15 psi	35 ft
						525 mm	1.0 bar	10.7 m
600-1830	16.5"-30.0" 425 mm-775 mm	16.0" 406 mm	47.0" 1194 mm	68.0 lbs 30.8 kg	25 psi 1.7 bar	24.0"	10 psi	30 ft
						600 mm	0.7 bar	10.7 m
						30.0"	10 psi	30 ft
						775 mm	0.7 bar	9.1 m
						18.0"	15 psi	40 ft
600-2036	18.5"-36.0" 475 mm-950 mm	18.0" 457 mm	65.0" 1651 mm	95.0 lbs 43.0 kg	25 psi 1.7 bar	450 mm	1.0 bar	12.2 m
						20.0"	15 psi	40 ft
						500 mm	1.0 bar	12.2 m
						30.0"	10 psi	35 ft
						775 mm	0.7 bar	10.7 m
600-2448	22.5"-48.0" 575 mm-1250 mm	21.5" 546 mm	90.0" 2286 mm	145.0 lbs 65.7 kg	25 psi 1.7 bar	36.0"	10 psi	30 ft
						900 mm	0.7 bar	9.1 m
						24.0"	15 psi	40 ft
						600 mm	1.0 bar	12.2 m
						36.0"	15 psi	35 ft
600-2460	22.5"-60.0" 575 mm-1550 mm	21.5" 546 mm	106.0" 2692 mm	170.0 lbs 77.1 kg	20 psi 1.4 bar	900 mm	1.0 bar	10.7 m
						48.0"	10 psi	25 ft
						1200 mm	0.7 bar	7.6 m
						24.0"	10 psi	35 ft
						600 mm	0.7 bar	10.7 m
600-3660	35.0"-60.0" 900 mm-1550 mm	34.0" 864 mm	90.0" 2286 mm	235.0 lbs 106.5 kg	20 psi 1.4 bar	36.0"	10 psi	30 ft
						900 mm	0.7 bar	9.1 m
						48.0"	8 psi	15 ft
						1200 mm	0.5 bar	4.6 m
						60.0"	6 psi	14 ft
600-4278	41.0"-78.0" 1050 mm-2000 mm	40.0" 1016 mm	102.0" 2591 mm	300.0 lbs 135.9 kg	15 psi 1.0 bar	1500 mm	0.4 bar	4.3 m
						36.0"	15 psi	35 ft
						900 mm	1.0 bar	10.7 m
						48.0"	13 psi	30 ft
						1200 mm	0.9 bar	9.1 m
600-4872	47.0"-72.0" 1200 mm-1850 mm	46.0" 1168 mm	90.0" 2286 mm	325.0 lbs 147.2 kg	20 psi 1.4 bar	60.0"	8 psi	20 ft
						1500 mm	0.6 bar	5.5 m
						42.0" - 78.0"	6 psi	14 ft
						1050 mm - 2000 mm	0.4 bar	4.3 m
						48.0"	15 psi	35 ft
600-6096	59.0"-96.0" 1500 mm-2450 mm	58.0" 1473 mm	110.0" 2794 mm	550.0 lbs 249.2 kg	12 psi 0.8 bar	1200 mm	1.0 bar	10.7 m
						60.0"	10 psi	25 ft
						1500 mm	0.7 bar	7.6 m
						72.0"	8 psi	18 ft
						1800 mm	0.6 bar	5.5 m
600-6096	59.0"-96.0" 1500 mm-2450 mm	58.0" 1473 mm	110.0" 2794 mm	550.0 lbs 249.2 kg	12 psi 0.8 bar	60.0" - 96.0"	6 psi	14 ft
						1500 mm - 2450 mm	0.4 bar	4.3 m



Example: 600-610



Example: 600-1824



Example: 600-2448
Inflated



Always Read
Safety Manual
Before Operation

650 Series: Multi-Size Leak Locators



Example: 650-610



Example: 650-1824

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Safety Inflation
Rope/Hose
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Safety Inflation
Rope/Hose
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Always Read
Safety Manual
Before Operation

650 Series: Multi-Size Leak Locators									
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	BYPASS SIZE	REQUIRED INFLATION PRESSURE	MAX BACK PRESSURE		
							PIPE SIZE	AIR	WATER
650-46	3.8"-6.0" 100 mm-150 mm	3.5" 89 mm	13.0" 330 mm	2.5 lbs 1.1 kg	1/4" 6.4 mm	35 psi 2.4 bar	4.0"	10 psi	25 ft
							100 mm	0.7 bar	7.6 m
							6.0"	10 psi	25 ft
							150 mm	0.7 bar	7.6 m
650-610	5.5"-10.0" 150 mm-250 mm	5.0" 127 mm	22.0" 559 mm	7.2 lbs 3.3 kg	1/4" 6.4 mm	35 psi 2.4 bar	6.0"	15 psi	40 ft
							150 mm	1.0 bar	12.2 m
							8.0"	15 psi	35 ft
							200 mm	1.0 bar	10.7 m
							10.0"	15 psi	35 ft
650-812	7.5"-12.0" 200 mm-300 mm	7.0" 178 mm	22.5" 572 mm	10.0 lbs 4.5 kg	3/8" 9.5 mm	35 psi 2.4 bar	250 mm	1.0 bar	10.7 m
							12.0"	15 psi	35 ft
							300 mm	1.0 bar	10.7 m
							8.0"	15 psi	40 ft
							200 mm	1.0 bar	12.2 m
650-1016	9.0"-16.0" 225 mm-400 mm	8.8" 224 mm	25.0" 635 mm	16.0 lbs 7.3 kg	3/4" 19.1 mm	35 psi 2.4 bar	10.0"	15 psi	40 ft
							250 mm	1.0 bar	12.2 m
							12.0"	15 psi	35 ft
							300 mm	1.0 bar	10.7 m
							15.0"	15 psi	35 ft
650-1218	11.0"-18.0" 275 mm-450 mm	10.5" 267 mm	28.0" 711 mm	21.5 lbs 9.7 kg	3/4" 19.1 mm	35 psi 2.4 bar	375 mm	1.0 bar	10.7 m
							12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
650-1224	11.0"-24.0" 275 mm-625 mm	10.5" 267 mm	47.0" 1194 mm	30.0 lbs 13.6 kg	3/4" 19.1 mm	25 psi 1.7 bar	18.0"	15 psi	35 ft
							450 mm	0.9 bar	9.1 m
							24.0"	10 psi	25 ft
							600 mm	0.7 bar	7.6 m
							15.0"	15 psi	40 ft
650-1521	13.5"-21.0" 350 mm-550 mm	13.0" 330 mm	31.5" 800 mm	30.0 lbs 13.6 kg	3/4" 19.1 mm	35 psi 2.4 bar	375 mm	1.0 bar	12.2 m
							18.0"	15 psi	35 ft
							450 mm	1.0 bar	10.7 m
							21.0"	10 psi	30 ft
							525 mm	0.7 bar	9.1 m
650-1530	13.5"-30.0" 350 mm-775 mm	13.0" 330 mm	57.0" 1548 mm	55.0 lbs 24.9 kg	3/4" 19.1 mm	25 psi 1.7 bar	15.0"	15 psi	40 ft
							375 mm	1.0 bar	12.2 m
							21.0"	13 psi	30 ft
							525 mm	0.9 bar	9.1 m
							30.0"	10 psi	25 ft
650-1824	16.0"-24.0" 400 mm-625 mm	15.5" 394 mm	35.5" 902 mm	38.5 lbs 17.5 kg	3/4" 19.1 mm	35 psi 2.4 bar	775 mm	0.7 bar	7.6 m
							18.0"	15 psi	40 ft
							450 mm	1.0 bar	12.2 m
							21.0"	15 psi	35 ft
							525 mm	1.0 bar	10.7 m
650-1830	16.5"-30.0" 425 mm-775 mm	16.0" 406 mm	47.0" 1194 mm	68.0 lbs 30.8 kg	3/4" 19.1 mm	25 psi 1.7 bar	24.0"	10 psi	30 ft
							600 mm	0.7 bar	10.7 m
							30.0"	10 psi	30 ft
							775 mm	0.7 bar	9.1 m
							18.0"	15 psi	40 ft
650-2036	18.5"-36.0" 475 mm-950 mm	18.0" 457 mm	65.0" 1651 mm	95.0 lbs 43.0 kg	3/4" 19.1 mm	25 psi 1.7 bar	450 mm	1.0 bar	12.2 m
							20.0"	15 psi	40 ft
							500 mm	1.0 bar	12.2 m
							30.0"	10 psi	35 ft
							775 mm	0.7 bar	10.7 m
650-2448	22.5"-48.0" 575 mm-1250 mm	21.5" 546 mm	90.0" 2286 mm	145.0 lbs 65.7 kg	3/4" 19.1 mm	25 psi 1.7 bar	36.0"	10 psi	30 ft
							900 mm	0.7 bar	9.1 m
							24.0"	15 psi	40 ft
							600 mm	1.0 bar	12.2 m
							36.0"	15 psi	35 ft
650-2460	22.5"-60.0" 575 mm-1550 mm	21.5" 546 mm	106.0" 2692 mm	170.0 lbs 77.1 kg	3/4" 19.1 mm	20 psi 1.4 bar	900 mm	0.7 bar	9.1 m
							48.0"	8 psi	15 ft
							1200 mm	0.5 bar	4.6 m
							60.0"	6 psi	14 ft
							1500 mm	0.4 bar	4.3 m
650-3660	35.0"-60.0" 900 mm-1550 mm	34.0" 864 mm	90.0" 2286 mm	235.0 lbs 106.5 kg	3/4" 19.1 mm	20 psi 1.4 bar	36.0"	15 psi	35 ft
							900 mm	1.0 bar	10.7 m
							48.0"	13 psi	30 ft
							1200 mm	0.9 bar	9.1 m
							60.0"	8 psi	20 ft
650-4278	41.0"-78.0" 1050 mm-2000 mm	40.0" 1016 mm	102.0" 2591 mm	300.0 lbs 135.9 kg	3/4" 19.1 mm	15 psi 1.0 bar	42.0" - 78.0"	6 psi	14 ft
							1050 mm - 2000 mm	0.4 bar	4.3 m
650-4872	47.0"-72.0" 1200 mm-1850 mm	46.0" 1168 mm	90.0" 2286 mm	325.0 lbs 147.2 kg	3/4" 19.1 mm	20 psi 1.4 bar	48.0"	15 psi	35 ft
							1200 mm	1.0 bar	10.7 m
							60.0"	10 psi	25 ft
							1500 mm	0.7 bar	7.6 m
650-6096	59.0"-96.0" 1500 mm-2450 mm	58.0" 1473 mm	110.0" 2794 mm	550.0 lbs 249.2 kg	3/4" 19.1 mm	12 psi 0.8 bar	72.0"	8 psi	18 ft
							1800 mm	0.6 bar	5.5 m
							60.0" - 96.0"	6 psi	14 ft
							1500 mm - 2450 mm	0.4 bar	4.3 m

675 Series / 601 Series

675 Series: Multi-Size Leak Locators w/ Large Bypass

PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	BYPASS SIZE	REQUIRED INFLATION PRESSURE	MAX BACK PRESSURE		
							PIPE SIZE	AIR	WATER
675-2036-4	18.5"-36.0" 475 mm-950 mm	18.0" 457 mm	65.0" 1651 mm	120.0 lbs 54.4 kg	4" 102 mm	20 psi 1.4 bar	20.0"	15 psi	35 ft
							500 mm	1.0 bar	10.7 m
							30.0"	10 psi	25 ft
							600 mm	0.7 bar	7.6 m
							36.0"	5 psi	15 ft
							900 mm	0.3 bar	4.6 m
675-2036-6	18.5"-36.0" 475 mm-950 mm	18.0" 457 mm	65.0" 1651 mm	120.0 lbs 54.4 kg	6" 152 mm	20 psi 1.4 bar	20.0"	15 psi	35 ft
							500 mm	1.0 bar	10.7 m
							30.0"	10 psi	25 ft
							600 mm	0.7 bar	7.6 m
							36.0"	5 psi	15 ft
							900 mm	0.3 bar	4.6 m
675-2448-4	22.5"-48.0" 575 mm-1250 mm	21.5" 546 mm	90.0" 2286 mm	175.0 lbs 79.4 kg	4" 102 mm	20 psi 1.4 bar	24.0"	15 psi	35 ft
							600 mm	1.0 bar	10.7 m
							36.0"	10 psi	25 ft
							900 mm	0.7 bar	7.6 m
							48.0"	5 psi	15 ft
							1200 mm	0.3 bar	4.6 m
675-2448-6	22.5"-48.0" 575 mm-1250 mm	21.5" 546 mm	90.0" 2286 mm	175.0 lbs 79.4 kg	6" 152 mm	20 psi 1.4 bar	24.0"	15 psi	35 ft
							600 mm	1.0 bar	10.7 m
							36.0"	10 psi	25 ft
							900 mm	0.7 bar	7.6 m
							48.0"	5 psi	15 ft
							1200 mm	0.3 bar	4.6 m
675-3660-4	35.0"-60.0" 900 mm-1550 mm	34.0" 546 mm	90.0" 2286 mm	265.0 lbs 120.2 kg	4" 102 mm	20 psi 1.4 bar	36.0"	15 psi	35 ft
							900 mm	1.0 bar	10.7 m
							48.0"	10 psi	25 ft
							1200 mm	0.7 bar	7.6 m
							60.0"	5 psi	15 ft
							1500 mm	0.3 bar	4.6 m
675-3660-6	35.0"-60.0" 900 mm-1550 mm	34.0" 546 mm	90.0" 2286 mm	265.0 lbs 120.2 kg	6" 152 mm	20 psi 1.4 bar	36.0"	15 psi	35 ft
							900 mm	1.0 bar	10.7 m
							48.0"	10 psi	25 ft
							1200 mm	0.7 bar	7.6 m
							60.0"	5 psi	15 ft
							1500 mm	0.3 bar	4.6 m
675-4872-4	47.0"-72.0" 1200 mm-1850 mm	46.0" 1168 mm	90.0" 2286 mm	355.0 lbs 161.0 kg	4" 102 mm	20 psi 1.4 bar	48.0"	15 psi	35 ft
							1200 mm	1.0 bar	10.7 m
							60.0"	10 psi	25 ft
							1500 mm	0.7 bar	7.6 m
							72.0"	5 psi	15 ft
							1800 mm	0.3 bar	4.6 m
675-4872-6	47.0"-72.0" 1200 mm-1850 mm	46.0" 1168 mm	90.0" 2286 mm	355.0 lbs 161.0 kg	6" 152 mm	20 psi 1.4 bar	48.0"	15 psi	35 ft
							1200 mm	1.0 bar	10.7 m
							60.0"	10 psi	25 ft
							1500 mm	0.7 bar	7.6 m
							72.0"	5 psi	15 ft
							1800 mm	0.3 bar	4.6 m
675-6096-4	59.0"-96.0" 1500 mm-2450 mm	58.0" 1473 mm	110.0" 2794 mm	600.0 lbs 272.2 kg	4" 102 mm	12 psi 0.8 bar	60.0" - 96.0"	5 psi	15 ft
							1500 mm - 2450 mm	0.3 bar	4.6 m
675-6096-6	59.0"-96.0" 1500 mm-2450 mm	58.0" 1473 mm	110.0" 2794 mm	600.0 lbs 272.2 kg	6" 152 mm	12 psi 0.8 bar	60.0" - 96.0"	5 psi	15 ft
							1500 mm - 2450 mm	0.3 bar	4.6 m



Example: 675-2448-6



Example: 675-2448-6
Inflated



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Safety Inflation
Rope/Hose
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601 Series: Protective Sleeves

PART #	FOR USE WITH....	THICKNESS
601-1218	600/650/675-1218	1/4" 6.4 mm
601-1224	600/650/675-1224	1/4" 6.4 mm
601-1521	600/650/675-1521	1/4" 6.4 mm
601-1530	600/650/675-1530	1/4" 6.4 mm
601-1824	600/650/675-1824	1/4" 6.4 mm
601-1830	600/650/675-1830	1/4" 6.4 mm
601-2036	600/650/675-2036	1/4" 6.4 mm
601-2448	600/650/675-2448	1/4" 6.4 mm
601-2460	600/650/675-2460	1/4" 6.4 mm
601-3660	600/650/675-3660	1/4" 6.4 mm
601-4278	600/650/675-4278	1/4" 6.4 mm
601-4872	600/650/675-4872	1/4" 6.4 mm
601-6096	600/650/675-6096	1/4" 6.4 mm



Example: 601-2036



Always Read
Safety Manual
Before Operation

500 Series / 605 Series / 655 Series

500 Series: Multi-Size Plugs with Seal Ribs

					REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT		PIPE SIZE	AIR	WATER
500-48	3.8"-8.0" 100 mm-200 mm	3.5" 89 mm	20.0" 508 mm	3.5 lbs 1.6 kg	40 psi 2.8 bar	4.0"	15 psi	40 ft
						100 mm	1.0 bar	12.2 m
						6.0"	15 psi	35 ft
						150 mm	1.0 bar	10.7 m
						8.0"	10 psi	30 ft
500-610	5.0"-10.0" 125 mm-250 mm	4.9" 124 mm	21.0" 533 mm	6.0 lbs 2.7 kg	35 psi 2.4 bar	200 mm	0.69 bar	9.1 m
						6.0"	15 psi	40 ft
						150 mm	1.0 bar	12.2 m
						8.0"	15 psi	35 ft
						200 mm	1.0 bar	10.7 m
500-812	7.5"-12.0" 200 mm-300 mm	7.0" 178 mm	22.0" 559 mm	10.0 lbs 4.5 kg	35 psi 2.4 bar	10.0"	10 psi	35 ft
						250 mm	0.69 bar	10.7 m
						8.0"	15 psi	40 ft
						200 mm	1.0 bar	12.2 m
						10.0"	15 psi	35 ft
500-1016	9.5"-16.0" 250 mm-400 mm	9.0" 229 mm	23.0" 584 mm	15.0 lbs 6.8 kg	35 psi 2.4 bar	300 mm	0.7 bar	10.7 m
						12.0"	15 psi	40 ft
						250 mm	1.0 bar	12.2 m
						14.0"	10 psi	35 ft
						350 mm	0.69 bar	10.7 m
500-1218	11.5"-18.0" 300 mm-450 mm	11.0" 279 mm	25.0" 635 mm	19.0 lbs 8.6 kg	35 psi 2.4 bar	16.0"	10 psi	30 ft
						400 mm	0.69 bar	9.1 m
						12.0"	15 psi	40 ft
						300 mm	1.0 bar	12.2 m
						15.0"	15 psi	35 ft
500-1521	14.0"-21.0" 350 mm-550 mm	13.3" 338 mm	28.0" 711 mm	26.0 lbs 11.8 kg	35 psi 2.4 bar	375 mm	1.0 bar	10.7 m
						18.0"	10 psi	35 ft
						450 mm	0.7 bar	10.7 m
						15.0"	15 psi	40 ft
						375 mm	1.0 bar	12.2 m



Example: 500-812

605 Series: Multi-Size Back Plugs w/ Seal Ribs & Texture

PART #	SIZE RANGE	DIAMETER	LENGTH	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
					PIPE SIZE	AIR	WATER
605-46	3.8"-6.0" 100 mm-150 mm	3.5" 89 mm	12.0" 305 mm	35 psi 2.4 bar	4.0"	10 psi	25 ft
					100 mm	0.7 bar	7.6 m
					6.0"	10 psi	25 ft
605-610	5.5"-10.0" 150 mm-250 mm	5.0" 127 mm	17.5" 445 mm	35 psi 2.4 bar	150 mm	0.7 bar	7.6 m
					6.0"	15 psi	40 ft
					150 mm	1.0 bar	12.2 m
					8.0"	15 psi	35 ft
					200 mm	1.0 bar	10.7 m
605-812	7.5"-12.0" 200 mm-300 mm	7.0" 178 mm	19.0" 483 mm	35 psi 2.4 bar	10.0"	15 psi	35 ft
					250 mm	1.0 bar	10.7 m
					8.0"	15 psi	40 ft
					200 mm	1.0 bar	12.2 m
					10.0"	15 psi	35 ft
605-1016	9.0"-16.0" 225 mm-400 mm	8.8" 224 mm	21.5" 546 mm	35 psi 2.4 bar	250 mm	1.0 bar	10.7 m
					12.0"	15 psi	35 ft
					300 mm	1.0 bar	10.7 m
					15.0"	15 psi	35 ft
					375 mm	1.0 bar	10.7 m



Example: 605-610

655 Series: Leak Locators w/ Larger Bypass, Seal Ribs & Texture

PART #	SIZE RANGE	DIAMETER	LENGTH	REQUIRED INFLATION PRESSURE	Test-Thru Port Size	MAX ALLOWABLE BACK PRESSURE		
						PIPE SIZE	AIR	WATER
655-46	3.8"-6.0" 100 mm-150 mm	3.5" 89 mm	12.0" 305 mm	35 psi 2.4 bar	1/4" 6.4 mm	4.0"	10 psi	25 ft
						100 mm	0.7 bar	7.6 m
						6.0"	10 psi	25 ft
655-610	5.5"-10.0" 150 mm-250 mm	5.0" 127 mm	17.5" 445 mm	35 psi 2.4 bar	3/4" 19.1 mm	150 mm	0.7 bar	7.6 m
						6.0"	15 psi	40 ft
						150 mm	1.0 bar	12.2 m
						8.0"	15 psi	35 ft
						200 mm	1.0 bar	10.7 m
655-812	7.5"-12.0" 200 mm-300 mm	7.0" 178 mm	19.0" 483 mm	35 psi 2.4 bar	3/4" 19.1 mm	10.0"	15 psi	35 ft
						250 mm	1.0 bar	10.7 m
						8.0"	15 psi	40 ft
						200 mm	1.0 bar	12.2 m
						10.0"	15 psi	35 ft
655-1016	9.0"-16.0" 225 mm-400 mm	8.8" 224 mm	21.5" 546 mm	35 psi 2.4 bar	3/4" 19.1 mm	250 mm	1.0 bar	10.7 m
						12.0"	15 psi	35 ft
						300 mm	1.0 bar	10.7 m
						15.0"	15 psi	35 ft
						375 mm	1.0 bar	10.7 m



Example: 655-812



Always Read
Safety Manual
Before Operation

100 Series: Single-Size Pneumatic Pipe Plugs

PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	
						AIR	WATER
100-4	3.5"-4.5"	3.5"	5.5"	1.5 lbs	25 psi	10 psi	25 ft
	90 mm-125 mm	90 mm	140 mm	0.67 kg	1.7 bar	0.69 bar	7.6 m
100-46	3.5"-6.5"	3.5"	9.5"	2.0 lbs	30 psi	10 psi	25 ft
	90 mm-175 mm	90 mm	241 mm	0.91 kg	2.1 bar	0.69 bar	7.6 m
100-6	5.0"-6.5"	5.0"	6.0"	3.0 lbs	25 psi	10 psi	25 ft
	125 mm-175 mm	125 mm	152 mm	1.4 kg	1.7 bar	0.69 bar	7.6 m
100-68	5.0"-8.5"	5.0"	14.0"	4.0 lbs	30 psi	10 psi	25 ft
	125 mm-225 mm	125 mm	356 mm	1.81 kg	2.1 bar	0.69 bar	7.6 m
100-8	7.0"-8.5"	7.0"	7.5"	5.0 lbs	25 psi	10 psi	25 ft
	175 mm-225 mm	175 mm	191 mm	2.3 kg	1.7 bar	0.69 bar	7.6 m
100-10	9.0"-10.5"	9.0"	10.0"	8.5 lbs	25 psi	10 psi	25 ft
	225 mm-275 mm	225 mm	254 mm	3.8 kg	1.7 bar	0.69 bar	7.6 m
100-12	11.0"-12.5"	11.0"	12.0"	12.5 lbs	25 psi	10 psi	25 ft
	275 mm-325 mm	275 mm	305 mm	5.6 kg	1.7 bar	0.69 bar	7.6 m
100-15	13.5"-15.5"	13.5"	15.0"	24.0 lbs	20 psi	10 psi	25 ft
	350 mm-400 mm	350 mm	381 mm	10.9 kg	1.4 bar	0.69 bar	7.6 m
100-18	16.5"-18.5"	16.5"	18.0"	33.5 lbs	20 psi	10 psi	25 ft
	425 mm-470 mm	425 mm	457 mm	15.5 kg	1.4 bar	0.69 bar	7.6 m
100-21	18.5"-21.5"	18.5"	21.0"	42.0 lbs	20 psi	8 psi	20 ft
	475 mm-550 mm	475 mm	533 mm	19.1 kg	1.4 bar	0.55 bar	6.1 m



Example: 100-12

125 Series
Safety Inflation
Rope/Hose
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Pole & Attachment for
Remote Placement
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200 Series: Single-Size Pneumatic Pipe Plugs w/ Bypass

PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	BYPASS SIZE	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	
							AIR	WATER
200-4-1	3.5"-4.5"	3.5"	8.0"	1.5 lbs	1"	25 psi	10 psi	25 ft
	90 mm-125 mm	90 mm	203 mm	0.67 kg	25.4 mm	1.7 bar	0.69 bar	7.6 m
200-6-1	5.0"-6.5"	5.0"	8.0"	3.0 lbs	1"	25 psi	10 psi	25 ft
	125 mm-175 mm	125 mm	203 mm	1.4 kg	25.4 mm	1.7 bar	0.69 bar	7.6 m
200-8-2	7.0"-8.5"	7.0"	10.0"	6.0 lbs	2"	25 psi	10 psi	25 ft
	175 mm-225 mm	175 mm	254 mm	2.7 kg	50.8 mm	1.7 bar	0.69 bar	7.6 m
200-10-3	9.0"-10.5"	9.0"	13.0"	10.5 lbs	3"	25 psi	10 psi	25 ft
	225 mm-275 mm	225 mm	330 mm	4.8 kg	76.2 mm	1.7 bar	0.69 bar	7.6 m
200-12-4	11.0"-12.5"	11.0"	15.0"	15.5 lbs	4"	25 psi	10 psi	25 ft
	275 mm-325 mm	275 mm	381 mm	7.0 kg	101.6 mm	1.7 bar	0.69 bar	7.6 m
200-15-4	13.5"-15.5"	13.5"	19.0"	27.5 lbs	4"	20 psi	10 psi	25 ft
	350 mm-400 mm	350 mm	483 mm	14.5 kg	101.6 mm	1.4 bar	0.69 bar	7.6 m
200-18-4	16.5"-18.5"	16.5"	21.0"	40.5 lbs	4"	20 psi	10 psi	25 ft
	425 mm-470 mm	425 mm	533 mm	18.4 kg	101.6 mm	1.4 bar	0.69 bar	7.6 m
200-21-4	18.5"-21.5"	18.5"	24.0"	48.5 lbs	4"	20 psi	8 psi	20 ft
	475 mm-550 mm	475 mm	610 mm	22.0 kg	101.6 mm	1.4 bar	0.55 bar	6.1 m



Example: 200-8-2

125 Series
Safety Inflation
Rope/Hose
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Pole & Attachment for
Remote Placement
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Mechanical Pipe Plugs & Non-Pressure Plugs



Example: ME-12



Example: ME-12B

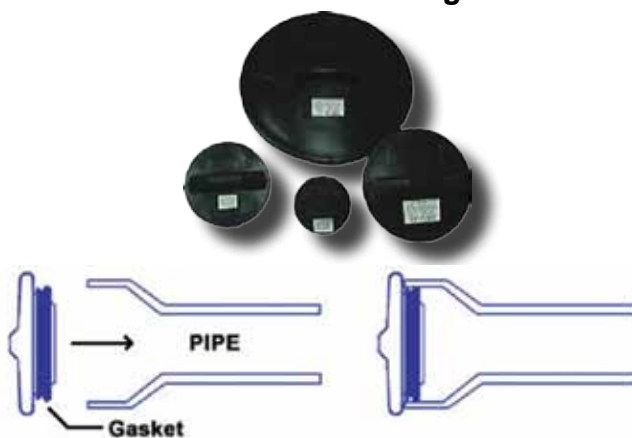


ME Series: Aluminum Mechanical Pipe Plugs					
PART #	PIPE SIZE (I.D.)	BYPASS & READ BACK PORT	WEIGHT	MAX ALLOWABLE BACK PRESSURE	
				AIR	WATER
ME-6	6.0"	-	4.0 lbs	5 psi	10 ft
	150 mm	-	1.8 kgs	0.34 bar	3.0 m
ME-6B	6.0"	1/4" & 1/4"	4.0 lbs	5 psi	10 ft
	150 mm	6.4 mm & 6.4 mm	1.8 kgs	0.34 bar	3.0 m
ME-8	8.0"	-	6.0 lbs	5 psi	10 ft
	200 mm	-	2.7 kgs	0.34 bar	3.0 m
ME-8B	8.0"	1/4" & 3/4"	6.0 lbs	5 psi	10 ft
	200 mm	6.4 mm & 19.1 mm	2.7 kgs	0.34 bar	3.0 m
ME-10	10.0"	-	8.0 lbs	5 psi	10 ft
	250 mm	-	3.6 kgs	0.34 bar	3.0 m
ME-10B	10.0"	1/4" & 3/4"	8.0 lbs	5 psi	10 ft
	250 mm	6.4 mm & 19.1 mm	3.6 kgs	0.34 bar	3.0 m
ME-12	12.0"	-	10.0 lbs	5 psi	10 ft
	300 mm	-	4.5 kgs	0.34 bar	3.0 m
ME-12B	12.0"	1/4" & 3/4"	10.0 lbs	5 psi	10 ft
	300 mm	6.4 mm & 19.1 mm	4.5 kgs	0.34 bar	3.0 m
ME-15	15.0"	-	15.0 lbs	5 psi	10 ft
	375 mm	-	6.8 kgs	0.34 bar	3.0 m
ME-15B	15.0"	1/4" & 3/4"	15.0 lbs	5 psi	10 ft
	375 mm	6.4 mm & 19.1 mm	6.8 kgs	0.34 bar	3.0 m
ME-18	18.0"	-	18.0 lbs	5 psi	10 ft
	450 mm	-	8.2 kgs	0.34 bar	3.0 m
ME-18B	18.0"	1/4" & 3/4"	18.0 lbs	5 psi	10 ft
	450 mm	6.4 mm & 19.1 mm	8.2 kgs	0.34 bar	3.0 m

Larger Sizes Available! Call 800.575.8448

HT Series: Plastic Mechanical Pipe Plugs					
PART #	PIPE SIZE (I.D.)	BYPASS & READ BACK PORT	WEIGHT	MAX ALLOWABLE BACK PRESSURE	
				AIR	WATER
HT-4	4.0"	-	1.0 lbs	5 psi	10 ft
	100 mm	-	0.45 kgs	0.34 bar	3.0 m
HT-4B	4.0"	1/2"	1.0 lbs	5 psi	10 ft
	100 mm	12.7 mm	0.45 kgs	0.34 bar	3.0 m
HT-5	5.0"	-	1.0 lbs	5 psi	10 ft
	125 mm	-	0.45 kgs	0.34 bar	3.0 m
HT-5B	5.0"	1/2"	1.0 lbs	5 psi	10 ft
	125 mm	12.7 mm	0.45 kgs	0.34 bar	3.0 m
HT-6	6.0"	-	1.5 lbs	5 psi	10 ft
	150 mm	-	0.68 kgs	0.34 bar	3.0 m
HT-6B	6.0"	1/2"	1.5 lbs	5 psi	10 ft
	150 mm	12.7 mm	0.68 kgs	0.34 bar	3.0 m
HT-8	8.0"	-	2.5 lbs	5 psi	10 ft
	200 mm	-	1.1 kgs	0.34 bar	3.0 m
HT-8B	8.0"	1/2"	2.5 lbs	5 psi	10 ft
	200 mm	12.7 mm	1.1 kgs	0.34 bar	3.0 m
HT-10B	10.0"	1/2"	5.5 lbs	5 psi	10 ft
	250 mm	12.7 mm	2.5 kgs	0.34 bar	3.0 m
HT-12B	12.0"	1/2"	6.5 lbs	5 psi	10 ft
	300 mm	12.7 mm	2.9 kgs	0.34 bar	3.0 m
HT-15B	15.0"	1/2"	11.5 lbs	5 psi	10 ft
	375 mm	12.7 mm	5.2 kgs	0.34 bar	3.0 m
HT-18B	18.0"	1/2"	16.5 lbs	5 psi	10 ft
	450 mm	12.7 mm	7.5 kgs	0.34 bar	3.0 m

Non-Pressure Plugs



- Available from 6" to 60"
- Call for Sizes



Always Read
Safety Manual
Before Operation

800 Series: High Pressure Plugs



Example: 800-10



Example: 800-18



Example: 800-48

800 Series: High Pressure Plugs - 150 PSI TEST

PART #	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	SIZE RANGE	DIAMETER	LENGTH
800-4	200 psi 13.8 bar	150 psi 10.3 bar	3.8"-4.5" 100 mm-125 mm	3.5" 89 mm	18.0" 457 mm
800-6	200 psi 13.8 bar	150 psi 10.3 bar	5.5"-6.5" 150 mm-175 mm	5.0" 127 mm	18.0" 457 mm
800-8	200 psi 13.8 bar	150 psi 10.3 bar	7.0"-8.5" 175 mm-225 mm	6.5" 165 mm	18.0" 457 mm
800-10	200 psi 13.8 bar	150 psi 10.3 bar	9.0"-10.5" 225 mm-275 mm	8.0" 203 mm	18.0" 457 mm
800-12	200 psi 13.8 bar	150 psi 10.3 bar	11.0"-12.5" 275 mm-325 mm	10.0" 254 mm	18.0" 457 mm
800-15	200 psi 13.8 bar	150 psi 10.3 bar	14.0"-15.5" 350 mm-400 mm	13.0" 330 mm	18.0" 457 mm
800-18	200 psi 13.8 bar	150 psi 10.3 bar	17.0"-18.5" 425 mm-475 mm	16.0" 406 mm	18.0" 457 mm
800-21	200 psi 13.8 bar	150 psi 10.3 bar	20.0"-21.5" 500 mm-550 mm	19.0" 483 mm	18.0" 457 mm
800-24	200 psi 13.8 bar	150 psi 10.3 bar	23.0"-24.5" 575 mm-625 mm	22.0" 559 mm	18.0" 457 mm
800-27	200 psi 13.8 bar	150 psi 10.3 bar	26.0"-27.5" 650 mm-700 mm	25.0" 635 mm	18.0" 457 mm
800-30	200 psi 13.8 bar	150 psi 10.3 bar	29.0"-30.5" 750 mm-800 mm	28.0" 711 mm	18.0" 457 mm
800-33	200 psi 13.8 bar	150 psi 10.3 bar	32.0"-33.5" 800 mm-850 mm	31.0" 787 mm	18.0" 457 mm
800-36	200 psi 13.8 bar	150 psi 10.3 bar	35.0"-36.5" 900 mm-950 mm	34.0" 864 mm	18.0" 457 mm
800-39	200 psi 13.8 bar	150 psi 10.3 bar	38.0"-39.5" 950 mm-1000 mm	37.0" 940 mm	18.0" 457 mm
800-42	200 psi 13.8 bar	150 psi 10.3 bar	41.0"-42.5" 1050 mm-1100 mm	40.0" 1016 mm	18.0" 457 mm
800-45	200 psi 13.8 bar	150 psi 10.3 bar	44.0"-45.5" 1100 mm-1150 mm	43.0" 1092 mm	18.0" 457 mm
800-48	200 psi 13.8 bar	150 psi 10.3 bar	47.0"-48.5" 1200 mm-1250 mm	46.0" 1168 mm	18.0" 457 mm
800-54	200 psi 13.8 bar	150 psi 10.3 bar	53.0"-54.5" 1350 mm-1400 mm	52.0" 1321 mm	18.0" 457 mm
800-60	200 psi 13.8 bar	150 psi 10.3 bar	59.0"-60.5" 1500 mm-1550 mm	58.0" 1473 mm	18.0" 457 mm
800-66	200 psi 13.8 bar	150 psi 10.3 bar	65.0"-66.5" 1650 mm-1700 mm	64.0" 1626 mm	18.0" 457 mm
800-72	200 psi 13.8 bar	150 psi 10.3 bar	71.0"-72.5" 1800 mm-1850 mm	70.0" 1778 mm	18.0" 457 mm
800-78	200 psi 13.8 bar	150 psi 10.3 bar	77.0"-78.5" 1950 mm-2000 mm	76.0" 1930 mm	18.0" 457 mm
800-84	200 psi 13.8 bar	150 psi 10.3 bar	83.0"-84.5" 2100 mm-2150 mm	82.0" 2083 mm	18.0" 457 mm
800-90	200 psi 13.8 bar	150 psi 10.3 bar	89.0"-90.5" 2250 mm-2300 mm	88.0" 2235 mm	18.0" 457 mm
800-96	200 psi 13.8 bar	150 psi 10.3 bar	95.0"-96.5" 2400 mm-2450 mm	94.0" 2388 mm	18.0" 457 mm

Custom Sizes Available! Call 800.575.8448



Always Read
Safety Manual
Before Operation



123HP Series
Safety Inflation
Rope/Hose Page 21

825 / 850 Series: High Pressure Plugs

825 Series: High Pressure Plugs - 200 PSI TEST					
PART #	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	SIZE RANGE	DIAMETER	LENGTH
825-4	250 psi	200 psi	3.8"-4.5"	3.5"	18.0"
	17.2 bar	13.8 bar	100 mm-125 mm	89 mm	457 mm
825-6	250 psi	200 psi	5.5"-6.5"	5.0"	18.0"
	17.2 bar	13.8 bar	150 mm-175 mm	127 mm	457 mm
825-8	250 psi	200 psi	7.0"-8.5"	6.5"	18.0"
	17.2 bar	13.8 bar	175 mm-225 mm	165 mm	457 mm
825-10	250 psi	200 psi	9.0"-10.5"	8.0"	18.0"
	17.2 bar	13.8 bar	225 mm-275 mm	203 mm	457 mm
825-12	250 psi	200 psi	11.0"-12.5"	10.0"	18.0"
	17.2 bar	13.8 bar	275 mm-325 mm	254 mm	457 mm
825-15	250 psi	200 psi	14.0"-15.5"	13.0"	18.0"
	17.2 bar	13.8 bar	350 mm-400 mm	330 mm	457 mm
825-18	250 psi	200 psi	17.0"-18.5"	16.0"	18.0"
	17.2 bar	13.8 bar	425 mm-475 mm	406 mm	457 mm
825-21	250 psi	200 psi	20.0"-21.5"	19.0"	18.0"
	17.2 bar	13.8 bar	500 mm-550 mm	483 mm	457 mm
825-24	250 psi	200 psi	23.0"-24.5"	22.0"	18.0"
	17.2 bar	13.8 bar	575 mm-625 mm	559 mm	457 mm
825-27	250 psi	200 psi	26.0"-27.5"	25.0"	18.0"
	17.2 bar	13.8 bar	650 mm-700 mm	635 mm	457 mm
825-30	250 psi	200 psi	29.0"-30.5"	28.0"	18.0"
	17.2 bar	13.8 bar	750 mm-800 mm	711 mm	457 mm
825-33	250 psi	200 psi	32.0"-33.5"	31.0"	18.0"
	17.2 bar	13.8 bar	800 mm-850 mm	787 mm	457 mm
825-36	250 psi	200 psi	35.0"-36.5"	34.0"	18.0"
	17.2 bar	13.8 bar	900 mm-950 mm	864 mm	457 mm
825-39	250 psi	200 psi	38.0"-39.5"	37.0"	18.0"
	17.2 bar	13.8 bar	950 mm-1000 mm	940 mm	457 mm
825-42	250 psi	200 psi	41.0"-42.5"	40.0"	18.0"
	17.2 bar	13.8 bar	1050 mm-1100 mm	1016 mm	457 mm
825-45	250 psi	200 psi	44.0"-45.5"	43.0"	18.0"
	17.2 bar	13.8 bar	1100 mm-1150 mm	1092 mm	457 mm
825-48	250 psi	200 psi	47.0"-48.5"	46.0"	18.0"
	17.2 bar	13.8 bar	1200 mm-1250 mm	1168 mm	457 mm

850 Series: High Pressure Plugs - 250 PSI TEST					
PART #	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	SIZE RANGE	DIAMETER	LENGTH
850-4	300 psi	250 psi	3.8"-4.5"	3.5"	18.0"
	20.7 bar	17.2 bar	100 mm-125 mm	89 mm	457 mm
850-6	300 psi	250 psi	5.5"-6.5"	5.0"	18.0"
	20.7 bar	17.2 bar	150 mm-175 mm	127 mm	457 mm
850-8	300 psi	250 psi	7.0"-8.5"	6.5"	18.0"
	20.7 bar	17.2 bar	175 mm-225 mm	165 mm	457 mm
850-10	300 psi	250 psi	9.0"-10.5"	8.0"	18.0"
	20.7 bar	17.2 bar	225 mm-275 mm	203 mm	457 mm
850-12	300 psi	250 psi	11.0"-12.5"	10.0"	18.0"
	20.7 bar	17.2 bar	275 mm-325 mm	254 mm	457 mm
850-15	300 psi	250 psi	14.0"-15.5"	13.0"	18.0"
	20.7 bar	17.2 bar	350 mm-400 mm	330 mm	457 mm
850-18	300 psi	250 psi	17.0"-18.5"	16.0"	18.0"
	20.7 bar	17.2 bar	425 mm-475 mm	406 mm	457 mm
850-21	300 psi	250 psi	20.0"-21.5"	19.0"	18.0"
	20.7 bar	17.2 bar	500 mm-550 mm	483 mm	457 mm
850-24	300 psi	250 psi	23.0"-24.5"	22.0"	18.0"
	20.7 bar	17.2 bar	575 mm-625 mm	559 mm	457 mm
850-27	300 psi	250 psi	26.0"-27.5"	25.0"	18.0"
	20.7 bar	17.2 bar	650 mm-700 mm	635 mm	457 mm
850-30	300 psi	250 psi	29.0"-30.5"	28.0"	18.0"
	20.7 bar	17.2 bar	750 mm-800 mm	711 mm	457 mm
850-33	300 psi	250 psi	32.0"-33.5"	31.0"	18.0"
	20.7 bar	17.2 bar	800 mm-850 mm	787 mm	457 mm
850-36	300 psi	250 psi	35.0"-36.5"	34.0"	18.0"
	20.7 bar	17.2 bar	900 mm-950 mm	864 mm	457 mm
850-39	300 psi	250 psi	38.0"-39.5"	37.0"	18.0"
	20.7 bar	17.2 bar	950 mm-1000 mm	940 mm	457 mm
850-42	300 psi	250 psi	41.0"-42.5"	40.0"	18.0"
	20.7 bar	17.2 bar	1050 mm-1100 mm	1016 mm	457 mm



Always Read
Safety Manual
Before Operation



Example: 805-610

805 Series: Multi-Size High Pressure Plugs - 150 PSI TEST					
PART #	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	SIZE RANGE	DIAMETER	LENGTH
805-48	200 psi	150 psi	3.8"-8.0"	3.8"	18.0"
	13.8 bar	10.3 bar	100 mm-200 mm	97 mm	457 mm
805-610	200 psi	150 psi	5.5"-10.0"	5.5"	18.0"
	13.8 bar	10.3 bar	150 mm-250 mm	150 mm	457 mm
805-812	200 psi	150 psi	6.5"-12.0"	6.5"	18.0"
	13.8 bar	10.3 bar	175 mm-300 mm	165 mm	457 mm
805-1216	200 psi	150 psi	10.5"-16.0"	10.5"	18.0"
	13.8 bar	10.3 bar	275 mm-400 mm	267 mm	457 mm
805-1620	200 psi	150 psi	14.5"-20.0"	14.5"	18.0"
	13.8 bar	10.3 bar	375 mm-500 mm	368 mm	457 mm
805-2024	200 psi	150 psi	18.5"-24.0"	18.5"	18.0"
	13.8 bar	10.3 bar	475 mm-600 mm	470 mm	457 mm
805-2428	200 psi	150 psi	22.5"-28.0"	22.5"	18.0"
	13.8 bar	10.3 bar	575 mm-700 mm	572 mm	457 mm
805-2832	200 psi	150 psi	26.5"-32.0"	26.5"	18.0"
	13.8 bar	10.3 bar	675 mm-800 mm	673 mm	457 mm
805-3236	200 psi	150 psi	30.5"-36.0"	30.5"	18.0"
	13.8 bar	10.3 bar	775 mm-900 mm	775 mm	457 mm

Custom Sizes Available! Call 800.575.8448



123HPHY Series
Safety Inflation
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Example: 810-610

810 Series: Multi-Size Medium Pressure Plugs - 50 PSI TEST					
PART #	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	SIZE RANGE	DIAMETER	LENGTH
810-48	100 psi	50 psi	3.8"-8.0"	3.8"	18.0"
	6.7 bar	3.4 bar	100 mm-200 mm	97 mm	457 mm
810-610	100 psi	50 psi	5.5"-10.0"	5.5"	18.0"
	6.7 bar	3.4 bar	150 mm-250 mm	150 mm	457 mm
810-812	100 psi	50 psi	6.5"-12.0"	6.5"	18.0"
	6.7 bar	3.4 bar	175 mm-300 mm	165 mm	457 mm
810-1216	100 psi	50 psi	10.5"-16.0"	10.5"	18.0"
	6.7 bar	3.4 bar	275 mm-400 mm	267 mm	457 mm
810-1620	100 psi	50 psi	14.5"-20.0"	14.5"	18.0"
	6.7 bar	3.4 bar	375 mm-500 mm	368 mm	457 mm
810-2024	100 psi	50 psi	18.5"-24.0"	18.5"	18.0"
	6.7 bar	3.4 bar	475 mm-600 mm	470 mm	457 mm
810-2428	100 psi	50 psi	22.5"-28.0"	22.5"	18.0"
	6.7 bar	3.4 bar	575 mm-700 mm	572 mm	457 mm
810-2832	100 psi	50 psi	26.5"-32.0"	26.5"	18.0"
	6.7 bar	3.4 bar	675 mm-800 mm	673 mm	457 mm
810-3236	100 psi	50 psi	30.5"-36.0"	30.5"	18.0"
	6.7 bar	3.4 bar	775 mm-900 mm	775 mm	457 mm

Custom Sizes Available! Call 800.575.8448



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Before Operation

WE Series & 300 Series: Disc Plugs



WE Series: Short					
PART #	PIPE SIZE	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
			AIR	WATER	
WE-15S	1.25"-1.5"	40 psi	13 psi	30 ft	
	30 mm-40 mm	2.8 bar	0.9 bar	9.1 m	
WE-2S	2.0"	40 psi	13 psi	30 ft	
	50 mm	2.8 bar	0.9 bar	9.1 m	
WE-3S	3.0"	32 psi	13 psi	30 ft	
	75 mm	2.2 bar	0.9 bar	9.1 m	
WE-4S	4.0"	32 psi	13 psi	30 ft	
	100 mm	2.2 bar	0.9 bar	9.1 m	



Example: 300-54



WE Series: Long					
PART #	PIPE SIZE	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
			AIR	WATER	
WE-2	2.0"	40 psi	13 psi	30 ft	
	50 mm	2.8 bar	0.9 bar	9.1 m	
WE-3	3.0"	32 psi	13 psi	30 ft	
	75 mm	2.2 bar	0.9 bar	9.1 m	
WE-4	4.0"	32 psi	13 psi	30 ft	
	100 mm	2.2 bar	0.9 bar	9.1 m	



300 Series: Disc Plugs					
PART #	DIAMETER	WIDTH	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE	
				AIR	WATER
300-24	23.0"	4.0"	65 psi	5 psi	10 ft
	584 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-27	26.0"	4.0"	65 psi	5 psi	10 ft
	660 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-30	29.0"	4.0"	65 psi	5 psi	10 ft
	737 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-33	32.0"	4.0"	65 psi	5 psi	10 ft
	813 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-36	35.0"	4.0"	65 psi	5 psi	10 ft
	889 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-39	38.0"	4.0"	65 psi	5 psi	10 ft
	965 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-42	41.0"	4.0"	65 psi	5 psi	10 ft
	1041 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-45	44.0"	4.0"	65 psi	5 psi	10 ft
	1118 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-48	47.0"	4.0"	65 psi	5 psi	10 ft
	1194 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-54	53.0"	4.0"	65 psi	5 psi	10 ft
	1346 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-60	59.0"	4.0"	65 psi	5 psi	10 ft
	1499 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-66	65.0"	4.0"	65 psi	5 psi	10 ft
	1676 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-72	71.0"	4.0"	65 psi	5 psi	10 ft
	1803 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-78	77.0"	4.0"	65 psi	5 psi	10 ft
	1956 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-84	83.0"	4.0"	65 psi	5 psi	10 ft
	2108 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-90	89.0"	4.0"	65 psi	5 psi	10 ft
	2261 mm	102 mm	4.5 bar	0.34 bar	3.0 m
300-96	95.0"	4.0"	65 psi	5 psi	10 ft
	2413 mm	102 mm	4.5 bar	0.34 bar	3.0 m

Custom Sizes Available! Call 800.575.8448

WE Series: Multi-Size					
PART #	PIPE SIZE	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
			AIR	WATER	
WE-46	4.0"-6.0"	40 psi	13 psi	30 ft	
	100 mm-150 mm	2.8 bar	0.9 bar	9.1 m	



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Before Operation

400 Series: Multi-Size Flow Diverters



Example: 400-812-4



Example: 400-1218-4



125 Series
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Before Operation



400 Series: Multi-Size Flow Diverters									
PART #	SIZE RANGE	DIAMETER	LENGTH	BYPASS SIZE	WEIGHT	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
							PIPE SIZE	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
							8.0"	15 psi	35 ft
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	200 mm	1.0 bar	10.7 m
							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
400-610-4	5.5"-10.5" 150 mm-275 mm	5.5" 140 mm	22.0" 559 mm	4.0" 102 mm	13.0 lbs 5.9 kg	40 psi 2.8 bar	10.0"	15 psi	35 ft
							250 mm	1.0 bar	10.7 m
							6.0"	15 psi	45 ft
							150 mm	1.0 bar	13.7 m
							8.0"	15 psi	40 ft
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	200 mm	1.0 bar	12.2 m
							10.0"	15 psi	35 ft
							250 mm	1.0 bar	10.7 m
							12.0"	10 psi	35 ft
							300 mm	0.7 bar	10.7 m
400-812-4	7.0"-12.5" 175 mm-325 mm	6.5" 165 mm	22.0" 559 mm	4.0" 102 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	12.2 m
							12.0"	10 psi	35 ft
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	300 mm	0.7 bar	10.7 m
							10.0"	15 psi	45 ft
							250 mm	1.0 bar	13.7 m
							12.0"	15 psi	45 ft
							300 mm	1.0 bar	13.7 m
400-1016-4	9.0"-16.0" 225 mm-400 mm	8.5" 216 mm	22.0" 559 mm	4.0" 102 mm	26.0 lbs 11.8 kg	40 psi 2.8 bar	16.0"	10 psi	35 ft
							400 mm	0.7 bar	10.7 m
							10.0"	15 psi	45 ft
							250 mm	1.0 bar	13.7 m
							12.0"	15 psi	45 ft
400-1016-6	9.0"-16.0" 225 mm-400 mm	8.5" 216 mm	22.0" 559 mm	6.0" 152 mm	26.0 lbs 11.8 kg	40 psi 2.8 bar	300 mm	1.0 bar	13.7 m
							16.0"	10 psi	35 ft
							400 mm	0.7 bar	10.7 m
							10.0"	15 psi	45 ft
							250 mm	1.0 bar	13.7 m

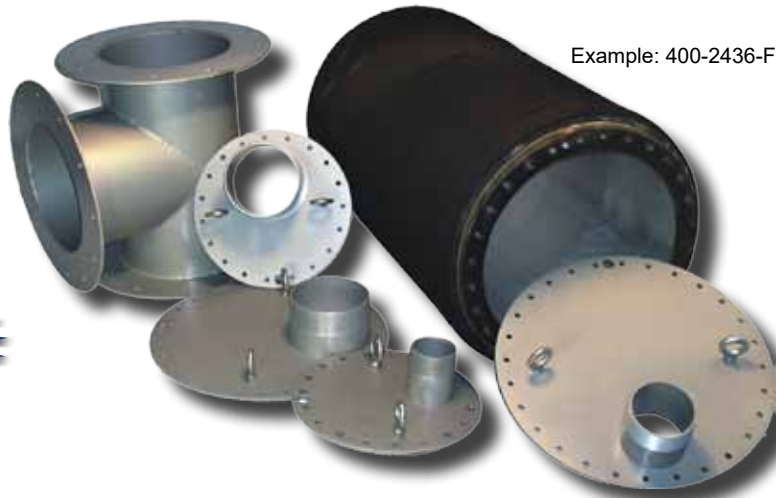
Chart Continued on Next Page...

400 Series: Multi-Size Flow Diverters

400 Series: Multi-Size Flow Diverters									
PART #	SIZE RANGE	DIAMETER	LENGTH	BYPASS SIZE	WEIGHT	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
							PIPE SIZE	AIR	WATER
400-1218-4	10.5"-18.0" 275 mm-450 mm	10.5" 267 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
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							18.0"	10 psi	30 ft
							450 mm	0.7 bar	9.1 m
400-1218-6	10.5"-18.0" 275 mm-450 mm	10.5" 267 mm	22.0" 559 mm	6.0" 152 mm	34.0 lbs 15.4 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							18.0"	10 psi	30 ft
							450 mm	0.7 bar	9.1 m
400-1218-8	10.5"-18.0" 275 mm-450 mm	10.5" 267 mm	22.0" 559 mm	8.0" 203 mm	34.0 lbs 15.4 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							18.0"	10 psi	30 ft
							450 mm	0.7 bar	9.1 m
400-1224-4	10.5"-24.0" 275 mm-625 mm	10.5" 267 mm	36.0" 914 mm	4.0" 102 mm	58.0 lbs 26.3 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							18.0"	10 psi	30 ft
							450 mm	0.7 bar	9.1 m
400-1224-6	10.5"-24.0" 275 mm-625 mm	10.5" 267 mm	36.0" 914 mm	6.0" 152 mm	58.0 lbs 26.3 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							18.0"	10 psi	30 ft
							450 mm	0.7 bar	9.1 m
400-1224-8	10.5"-24.0" 275 mm-625 mm	10.5" 267 mm	36.0" 914 mm	8.0" 203 mm	58.0 lbs 26.3 kg	40 psi 2.8 bar	12.0"	15 psi	40 ft
							300 mm	1.0 bar	12.2 m
							15.0"	15 psi	35 ft
							375 mm	1.0 bar	10.7 m
							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
							375 mm	1.0 bar	12.2 m
							18.0"	15 psi	35 ft
							450 mm	1.0 bar	10.7 m
							21.0"	10 psi	30 ft
							525 mm	0.7 bar	9.1 m
400-1521-6	14.0"-21.0" 350 mm-550 mm	13.5" 343 mm	24.0" 610 mm	6.0" 152 mm	46.0 lbs 20.9 kg	40 psi 2.8 bar	15.0"	15 psi	40 ft
							375 mm	1.0 bar	12.2 m
							18.0"	15 psi	35 ft
							450 mm	1.0 bar	10.7 m
							21.0"	10 psi	30 ft
							525 mm	0.7 bar	9.1 m
400-1521-8	14.0"-21.0" 350 mm-550 mm	13.5" 343 mm	24.0" 610 mm	8.0" 203 mm	46.0 lbs 20.9 kg	40 psi 2.8 bar	15.0"	15 psi	40 ft
							375 mm	1.0 bar	12.2 m
							18.0"	15 psi	35 ft
							450 mm	1.0 bar	10.7 m
							21.0"	10 psi	30 ft
							525 mm	0.7 bar	9.1 m
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
							450 mm	1.0 bar	12.2 m
							21.0"	15 psi	35 ft
							525 mm	1.0 bar	10.7 m
							24.0"	10 psi	30 ft
							600 mm	0.7 bar	9.1 m
400-1824-6	16.5"-24.0" 425 mm-625 mm	16.0" 406 mm	24.5" 622 mm	6.0" 152 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
							450 mm	1.0 bar	12.2 m
							21.0"	15 psi	35 ft
							525 mm	1.0 bar	10.7 m
							24.0"	10 psi	30 ft
							600 mm	0.7 bar	9.1 m
400-1824-8	16.5"-24.0" 425 mm-625 mm	16.0" 406 mm	24.5" 622 mm	8.0" 203 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
							450 mm	1.0 bar	12.2 m
							21.0"	15 psi	35 ft
							525 mm	1.0 bar	10.7 m
							24.0"	10 psi	30 ft
							600 mm	0.7 bar	9.1 m
400-1824-10	16.5"-24.0" 425 mm-625 mm	16.0" 406 mm	24.5" 622 mm	10.0" 254 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
							450 mm	1.0 bar	12.2 m
							21.0"	15 psi	35 ft
							525 mm	1.0 bar	10.7 m
							24.0"	10 psi	30 ft
							600 mm	0.7 bar	9.1 m

400 Series: Multi-Size Flow Diverters

Available for
Rent or Sale!



Example: 400-2436-F

125 Series
Safety Inflation
Rope/Hose
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400 Series: Multi-Size Flow Diverters								
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT	REQUIRED INFLATION PRESSURE	MAX ALLOWABLE BACK PRESSURE		
						PIPE SIZE	AIR	WATER
400-1824-F	16.5"-24.0" 425 mm-625mm	16.0" 406 mm	24.5" 622 mm	60.0 lbs 27.2 kg	40 psi 2.8 bar	18.0"	15 psi	40 ft
						450 mm	1.0 bar	12.2 m
						21.0"	15 psi	35 ft
						525 mm	1.0 bar	10.7 m
						24.0"	10 psi	30 ft
400-1830-F	16.5"-30.0" 425 mm-775 mm	16.0" 406 mm	41.0" 1041 mm	95.0 lbs 43.1 kg	40 psi 2.8 bar	600 mm	0.7 bar	9.1 m
						18.0"	15 psi	40 ft
						450 mm	1.0 bar	12.2 m
						24.0"	15 psi	35 ft
						600 mm	1.0 bar	10.7 m
400-2436-F	22.0"-36.0" 550 mm-950 mm	21.5" 546 mm	41.0" 1041 mm	130.0 lbs 58.9 kg	40 psi 2.8 bar	30.0"	10 psi	30 ft
						750 mm	0.7 bar	9.1 m
						24.0"	15 psi	40 ft
						600 mm	1.0 bar	12.2 m
						30.0"	15 psi	35 ft
400-3648-F	34.0"-48.0" 850 mm-1250 mm	33.0" 838 mm	41.0" 1041 mm	215.0 lbs 97.5 kg	40 psi 2.8 bar	750 mm	1.0 bar	10.7 m
						36.0"	10 psi	30 ft
						900 mm	0.7 bar	9.1 m
						36.0"	10 psi	25 ft
						900 mm	0.7 bar	7.6 m
400-4860-F	46.0"-60.0" 1150 mm-1550 mm	45.0" 1143 mm	41.0" 1041 mm	325.0 lbs 147.3 kg	40 psi 2.8 bar	42.0"	8 psi	25 ft
						1050 mm	0.6 bar	7.6 m
						48.0"	5 psi	20 ft
						1200 mm	0.3 bar	6.1 m
						48.0"	8 psi	20 ft
400-6072-F	58.0"-72.0" 1475 mm-1850 mm	57.0" 1448 mm	41.0" 1041 mm	450.0 lbs 204.1 kg	40 psi 2.8 bar	1200 mm	0.6 bar	6.1 m
						54.0"	8 psi	20 ft
						1350 mm	0.6 bar	6.1 m
						60.0"	5 psi	15 ft
						1500 mm	0.3 bar	4.6 m
						60.0"	5 psi	20 ft
						1500 mm	0.3 bar	6.1 m
						66.0"	5 psi	20 ft
						1650 mm	0.3 bar	6.1 m
						72.0"	5 psi	15 ft
						1800 mm	0.3 bar	4.6 m



Example: 401-1824

401 Series: Protective Sleeves		
PART #	FOR USE WITH....	THICKNESS
401-1824	400-1824	1/4" 6.4 mm
401-1830	400-1830	1/4" 6.4 mm
401-2436	400-2436	1/4" 6.4 mm
401-3648	400-3648	1/4" 6.4 mm
401-4860	400-4860	1/4" 6.4 mm
401-6072	400-6072	1/4" 6.4 mm



Always Read
Safety Manual
Before Operation

400 Series: Multi-Size Flow Diverters

400 Series: Interchangeable Bolt-On Bypass Adapters/Plates				
FOR USE WITH:	BYPASS SIZE	THREADED PART #	SLIP PART #	FLANGED PART #
400-1824-F or 400-1830-F	4.0" (102 mm)	400-1830-4-1	400-1830-4-1S	400-1830-4-1F
	6.0" (152 mm)	400-1830-6-1	400-1830-6-1S	400-1830-6-1F
	8.0" (203 mm)	400-1830-8-1	400-1830-8-1S	400-1830-8-1F
	10.0" (254 mm)	400-1830-10-1	400-1830-10-1S	400-1830-10-1F
400-2436-F	4.0" (102 mm)	400-2436-4-1	400-2436-4-1S	400-2436-4-1F
	6.0" (152 mm)	400-2436-6-1	400-2436-6-1S	400-2436-6-1F
	8.0" (203 mm)	400-2436-8-1	400-2436-8-1S	400-2436-8-1F
	10.0" (254 mm)	400-2436-10-1	400-2436-10-1S	400-2436-10-1F
	12.0" (305 mm)		400-2436-12-1S	400-2436-12-1F
	14.0" (356 mm)		400-2436-14-1S	400-2436-14-1F
	16.0" (406 mm)		400-2436-16-1S	400-2436-16-1F
400-3648-F	4.0" (102 mm)	400-3648-4-1	400-3648-4-1S	400-3648-4-1F
	6.0" (152 mm)	400-3648-6-1	400-3648-6-1S	400-3648-6-1F
	8.0" (203 mm)	400-3648-8-1	400-3648-8-1S	400-3648-8-1F
	10.0" (254 mm)	400-3648-10-1	400-3648-10-1S	400-3648-10-1F
	12.0" (305 mm)		400-3648-12-1S	400-3648-12-1F
	14.0" (356 mm)		400-3648-14-1S	400-3648-14-1F
	16.0" (406 mm)		400-3648-16-1S	400-3648-16-1F
	18.0" (457 mm)		400-3648-18-1S	400-3648-18-1F
	20.0" (508 mm)		400-3648-20-1S	400-3648-20-1F
	24.0" (610 mm)		400-3648-24-1S	400-3648-24-1F
400-4860-F	4.0" (102 mm)	400-4860-4-1	400-4860-4-1S	400-4860-4-1F
	6.0" (152 mm)	400-4860-6-1	400-4860-6-1S	400-4860-6-1F
	8.0" (203 mm)	400-4860-8-1	400-4860-8-1S	400-4860-8-1F
	10.0" (254 mm)	400-4860-10-1	400-4860-10-1S	400-4860-10-1F
	12.0" (305 mm)		400-4860-12-1S	400-4860-12-1F
	14.0" (356 mm)		400-4860-14-1S	400-4860-14-1F
	16.0" (406 mm)		400-4860-16-1S	400-4860-16-1F
	18.0" (457 mm)		400-4860-18-1S	400-4860-18-1F
	20.0" (508 mm)		400-4860-20-1S	400-4860-20-1F
	24.0" (610 mm)		400-4860-24-1S	400-4860-24-1F
	30.0" (762 mm)		400-4860-30-1S	400-4860-30-1F
	36.0" (914 mm)		400-4860-36-1S	400-4860-36-1F
400-6072-F	4.0" (102 mm)	400-6072-4-1	400-6072-4-1S	400-6072-4-1F
	6.0" (152 mm)	400-6072-6-1	400-6072-6-1S	400-6072-6-1F
	8.0" (203 mm)	400-6072-8-1	400-6072-8-1S	400-6072-8-1F
	10.0" (254 mm)	400-6072-10-1	400-6072-10-1S	400-6072-10-1F
	12.0" (305 mm)		400-6072-12-1S	400-6072-12-1F
	14.0" (356 mm)		400-6072-14-1S	400-6072-14-1F
	16.0" (406 mm)		400-6072-16-1S	400-6072-16-1F
	18.0" (457 mm)		400-6072-18-1S	400-6072-18-1F
	20.0" (508 mm)		400-6072-20-1S	400-6072-20-1F
	24.0" (610 mm)		400-6072-24-1S	400-6072-24-1F
	30.0" (762 mm)		400-6072-30-1S	400-6072-30-1F
	36.0" (914 mm)		400-6072-36-1S	400-6072-36-1F
	42.0" (1067 mm)		400-6072-42-1S	400-6072-42-1F
	48.0" (1219 mm)		400-6072-48-1S	400-6072-48-1F



Example: 400-2436-6-1



Example: 400-2436-6-1S



Example: 400-1830-10-1F
(Class 125 Bolt Pattern)



250 Series: Single-Size High-Flow Diverters



Example: 250-8



2 - 250-8's with 6" Flexible Bypass Hose

125 Series
Safety Inflation
Rope/Hose
Page 25



Pole & Attachment for
Remote Placement
Page 26



PART #	SIZE RANGE	DIAMETER	LENGTH	REQUIRED INFLATION PRESSURE	BYPASS SIZE	USES HOSE SIZE	PART #	DIAMETER	LENGTH
250-4	4.0"	3.0"	12.0"	25 psi	2.0"	▶	255-2	2.0"	5'-25'
	100 mm	76 mm	305 mm	1.7 bar	51 mm			51 mm	1.5 m-7.6 m
250-6	6.0"	5.0"	12.0"	25 psi	4.0"	▶	255-4	4.0"	5'-25'
	150 mm	127 mm	305 mm	1.7 bar	102 mm			102 mm	1.5 m-7.6 m
250-8	8.0"	7.0"	12.0"	25 psi	6.0"	▶	255-6	6.0"	5'-25'
	200 mm	178 mm	305 mm	1.7 bar	152 mm			152 mm	1.5 m-7.6 m
250-10	10.0"	9.0"	15.0"	25 psi	8.0"	▶	255-8	8.0"	5'-25'
	250 mm	229 mm	381 mm	1.7 bar	203 mm			203 mm	1.5 m-7.6 m
250-12	12.0"	10.0"	17.0"	25 psi	10.0"	▶	255-10	10.0"	5'-25'
	300 mm	254 mm	432 mm	1.7 bar	254 mm			254 mm	1.5 m-7.6 m
250-15	15.0"	13.5"	18.0"	25 psi	12.0"	▶	255-12	12.0"	5'-25'
	375 mm	343 mm	457 mm	1.7 bar	305 mm			305 mm	1.5 m-7.6 m
250-18	18.0"	16.0"	18.0"	25 psi	14.0"	▶	255-14	14.0"	5'-25'
	450 mm	406 mm	457 mm	1.7 bar	356 mm			356 mm	1.5 m-7.6 m
250-21	21.0"	19.5"	18.0"	25 psi	18.0"	▶	255-18	18.0"	5'-25'
	525 mm	495 mm	457 mm	1.7 bar	457 mm			457 mm	1.5 m-7.6 m
250-24	24.0"	22.5"	18.0"	25 psi	20.0"	▶	255-20	20.0"	5'-25'
	600 mm	572 mm	457 mm	1.7 bar	508 mm			508 mm	1.5 m-7.6 m
250-27	27.0"	25.5"	18.0"	25 psi	24.0"	▶	255-24	24.0"	5'-25'
	675 mm	648 mm	457 mm	1.7 bar	610 mm			610 mm	1.5 m-7.6 m
250-30	30.0"	28.5"	18.0"	25 psi	24.0"	▶			
	750 mm	724 mm	457 mm	1.7 bar	610 mm				

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

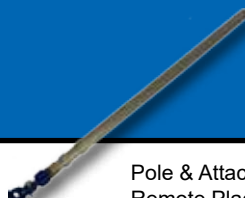
Larger Sizes Available! Call 800.575.8448



Example: 280-8



275 Series
Safety Inflation
Rope/Hose
Page 25



Pole & Attachment for
Remote Placement
Page 26



Inside Bladder
Uninflated



Inside Bladder
Partially Inflated



Inside Bladder
Inflated & Closed

Air Test Equipment



Leak Location Reel

PART #
1100-300



Space Hose

PART #	LENGTH
126-22	22' 6.7 m



3/8" Compressor Hose

PART #	LENGTH
120-20	20' 6.1 m
120-30	30' 9.1 m
120-40	40' 12.2 m

Custom Lengths Available!



3/4" Compressor Hose

PART #	LENGTH
121-20	20' 6.1 m
121-30	30' 9.1 m
121-40	40' 12.2 m

Custom Lengths Available!



1/4" Read Back Hose

PART #	LENGTH
124-20	20' 6.1 m
124-30	30' 9.1 m
124-40	40' 12.2 m

Custom Lengths Available!



Ported PVC Test Caps

PART #	SIZE
1100-2	2.0" 51 mm
1100-3	3.0" 76 mm
1100-4	4.0" 102 mm
1100-6	6.0" 152 mm



Regulated Air Acceptance Test Panel

PART #
1100-150

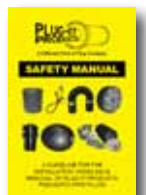


Example: 1100-145-50

50' Triple Hose for Use with 1100-150

PART #	HOSES	LENGTH
1100-145-25	3/8" x 3/8" x 1/4"	25' 7.6 m
1100-145-50	3/8" x 3/8" x 1/4"	50' 15.2 m
1100-150-25	3/4" x 3/8" x 1/4"	25' 7.6 m
1100-150-50	3/4" x 3/8" x 1/4"	50' 15.2 m

Available for
Rent or Sale!



Always Read
Safety Manual
Before Operation

900 Series: Multi-Size Joint Testers / Grout Packers - High Pressure



Example: 900-4854

Control Panels are to be used a minimum of 20' away from Tester. Always operate Tester with Remote Test Hoses & Anti-Rotation Bars



Water or Air Test Panel
Part # 900-001

900 Series: Multi-Size Joint Testers / Grout Packers - High Pressure					
PART #	SIZE RANGE	DIAMETER	WIDTH	MAX INFLATION PRESSURE	MAX ALLOWABLE TEST PRESSURE
900-2430	24.0"-30.0"	21.0"	24.0"	150 psi	100 psi
	600 mm-800 mm	533 mm	610 mm	10.3 bar	6.9 bar
900-3036	30.0"-36.0"	27.0"	24.0"	150 psi	100 psi
	750 mm-950 mm	686 mm	610 mm	10.3 bar	6.9 bar
900-3642	36.0"-42.0"	33.0"	24.0"	150 psi	100 psi
	900 mm-1100 mm	838 mm	610 mm	10.3 bar	6.9 bar
900-4248	42.0"-48.0"	39.0"	24.0"	150 psi	100 psi
	1050 mm-1250 mm	991 mm	610 mm	10.3 bar	6.9 bar
900-4854	48.0"-54.0"	45.0"	24.0"	150 psi	100 psi
	1200 mm-1400 mm	1143 mm	610 mm	10.3 bar	6.9 bar
900-5460	54.0"-60.0"	51.0"	24.0"	150 psi	100 psi
	1350 mm-1550 mm	1295 mm	610 mm	10.3 bar	6.9 bar
900-6066	60.0"-66.0"	57.0"	24.0"	150 psi	100 psi
	1500 mm-1700 mm	1448 mm	610 mm	10.3 bar	6.9 bar
900-6672	66.0"-72.0"	63.0"	24.0"	150 psi	100 psi
	1650 mm-1850 mm	1600 mm	610 mm	10.3 bar	6.9 bar
900-7278	72.0"-78.0"	69.0"	24.0"	150 psi	100 psi
	1800 mm-2000 mm	1753 mm	610 mm	10.3 bar	6.9 bar
900-7884	78.0"-84.0"	75.0"	24.0"	150 psi	100 psi
	1950 mm-2150 mm	1905 mm	610 mm	10.3 bar	6.9 bar
900-8490	84.0"-90.0"	81.0"	24.0"	150 psi	100 psi
	2100 mm-2300 mm	2057 mm	610 mm	10.3 bar	6.9 bar
900-9096	90.0"-96.0"	87.0"	24.0"	150 psi	100 psi
	2250 mm-2450 mm	2210 mm	610 mm	10.3 bar	6.9 bar
900-96102	96.0"-102.0"	93.0"	24.0"	150 psi	100 psi
	2400 mm-2600 mm	2362 mm	610 mm	10.3 bar	6.9 bar
900-102108	102.0"-108.0"	99.0"	24.0"	150 psi	100 psi
	2550 mm-2750 mm	2515 mm	610 mm	10.3 bar	6.9 bar

Custom Sizes Available! Call 800.575.8448



Hydrostatic Test Pumps
Available

945 Series: Dual-Bladder Single-Size Joint Testers - High Pressure					
PART #	SIZE RANGE	DIAMETER	WIDTH	MAX INFLATION PRESSURE	MAX ALLOWABLE TEST PRESSURE
945-18	18.0"	15.0"	24.0"	150 psi	100 psi
	450 mm	381 mm	610 mm	10.3 bar	6.9 bar
945-24	24.0"	21.0"	24.0"	150 psi	100 psi
	600 mm	533 mm	610 mm	10.3 bar	6.9 bar
945-30	30.0"	27.0"	24.0"	150 psi	100 psi
	750 mm	686 mm	610 mm	10.3 bar	6.9 bar
945-36	36.0"	33.0"	24.0"	150 psi	100 psi
	900 mm	838 mm	610 mm	10.3 bar	6.9 bar
945-42	42.0"	39.0"	24.0"	150 psi	100 psi
	1050 mm	991 mm	610 mm	10.3 bar	6.9 bar
945-48	48.0"	45.0"	24.0"	150 psi	100 psi
	1200 mm	1143 mm	610 mm	10.3 bar	6.9 bar
945-54	54.0"	51.0"	24.0"	150 psi	100 psi
	1350 mm	1295 mm	610 mm	10.3 bar	6.9 bar
945-60	60.0"	57.0"	24.0"	150 psi	100 psi
	1500 mm	1448 mm	610 mm	10.3 bar	6.9 bar
945-66	66.0"	63.0"	24.0"	150 psi	100 psi
	1650 mm	1600 mm	610 mm	10.3 bar	6.9 bar
945-72	72.0"	69.0"	24.0"	150 psi	100 psi
	1800 mm	1753 mm	610 mm	10.3 bar	6.9 bar
945-78	78.0"	75.0"	24.0"	150 psi	100 psi
	1950 mm	1905 mm	610 mm	10.3 bar	6.9 bar
945-84	84.0"	81.0"	24.0"	150 psi	100 psi
	2100 mm	2057 mm	610 mm	10.3 bar	6.9 bar
945-90	90.0"	87.0"	24.0"	150 psi	100 psi
	2250 mm	2210 mm	610 mm	10.3 bar	6.9 bar
945-96	96.0"	93.0"	24.0"	150 psi	100 psi
	2400 mm	2362 mm	610 mm	10.3 bar	6.9 bar
945-102	102.0"	99.0"	24.0"	150 psi	100 psi
	2550 mm	2515 mm	610 mm	10.3 bar	6.9 bar

Custom Sizes and Pressures Available! Call 800.575.8448



Always Read
Safety Manual
Before Operation



910 Series: Multi-Size Joint Testers / Grout Packers - Low Pressure



Example: 910-5460



Example: 910A-4854

Control Panels are to be used a minimum of 20' away from Tester. Always operate Tester with Remote Test Hoses & Anti-Rotation Bars

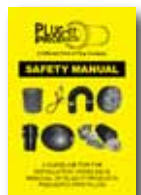


Water or Air Test Panel
Part # 900-001

910 Series: Steel Multi-Size Joint Testers / Grout Packers - Low Pressure					
PART #	SIZE RANGE	DIAMETER	WIDTH	MAX INFLATION PRESSURE	MAX ALLOWABLE TEST PRESSURE
910-2430	24.0"-30.0"	21.0"	24.0"	75 psi	25 psi
	600 mm-800 mm	533 mm	610 mm	5.2 bar	1.7 bar
910-3036	30.0"-36.0"	27.0"	24.0"	75 psi	25 psi
	750 mm-950 mm	686 mm	610 mm	5.2 bar	1.7 bar
910-3642	36.0"-42.0"	33.0"	24.0"	75 psi	25 psi
	900 mm-1100 mm	838 mm	610 mm	5.2 bar	1.7 bar
910-4248	42.0"-48.0"	39.0"	24.0"	75 psi	25 psi
	1050 mm-1250 mm	991 mm	610 mm	5.2 bar	1.7 bar
910-4854	48.0"-54.0"	45.0"	24.0"	75 psi	25 psi
	1200 mm-1400 mm	1143 mm	610 mm	5.2 bar	1.7 bar
910-5460	54.0"-60.0"	51.0"	24.0"	75 psi	25 psi
	1350 mm-1550 mm	1295 mm	610 mm	5.2 bar	1.7 bar
910-6066	60.0"-66.0"	57.0"	24.0"	75 psi	25 psi
	1500 mm-1700 mm	1448 mm	610 mm	5.2 bar	1.7 bar
910-6672	66.0"-72.0"	63.0"	24.0"	75 psi	25 psi
	1650 mm-1850 mm	1600 mm	610 mm	5.2 bar	1.7 bar
910-7278	72.0"-78.0"	69.0"	24.0"	75 psi	25 psi
	1800 mm-2000 mm	1753 mm	610 mm	5.2 bar	1.7 bar
910-7884	78.0"-84.0"	75.0"	24.0"	75 psi	25 psi
	1950 mm-2150 mm	1905 mm	610 mm	5.2 bar	1.7 bar
910-8490	84.0"-90.0"	81.0"	24.0"	75 psi	25 psi
	2100 mm-2300 mm	2057 mm	610 mm	5.2 bar	1.7 bar
910-9096	90.0"-96.0"	87.0"	24.0"	75 psi	25 psi
	2250 mm-2450 mm	2210 mm	610 mm	5.2 bar	1.7 bar
910-96102	96.0"-102.0"	93.0"	24.0"	75 psi	25 psi
	2400 mm-2600 mm	2362 mm	610 mm	5.2 bar	1.7 bar
910-102108	102.0"-108.0"	99.0"	24.0"	75 psi	25 psi
	2550 mm-2750 mm	2515 mm	610 mm	5.2 bar	1.7 bar
Custom Sizes Available! Call 800.575.8448					

910A Series: Aluminum Multi-Size Joint Testers / Grout Packers - Low Pressure					
PART #	SIZE RANGE	DIAMETER	WIDTH	MAX INFLATION PRESSURE	MAX ALLOWABLE TEST PRESSURE
910A-2430	24.0"-30.0"	21.0"	24.0"	75 psi	25 psi
	600 mm-800 mm	533 mm	610 mm	5.2 bar	1.7 bar
910A-3036	30.0"-36.0"	27.0"	24.0"	75 psi	25 psi
	750 mm-950 mm	686 mm	610 mm	5.2 bar	1.7 bar
910A-3642	36.0"-42.0"	33.0"	24.0"	75 psi	25 psi
	900 mm-1100 mm	838 mm	610 mm	5.2 bar	1.7 bar
910A-4248	42.0"-48.0"	39.0"	24.0"	75 psi	25 psi
	1050 mm-1250 mm	991 mm	610 mm	5.2 bar	1.7 bar
910A-4854	48.0"-54.0"	45.0"	24.0"	75 psi	25 psi
	1200 mm-1400 mm	1143 mm	610 mm	5.2 bar	1.7 bar
910A-5460	54.0"-60.0"	51.0"	24.0"	75 psi	25 psi
	1350 mm-1550 mm	1295 mm	610 mm	5.2 bar	1.7 bar
910A-6066	60.0"-66.0"	57.0"	24.0"	75 psi	25 psi
	1500 mm-1700 mm	1448 mm	610 mm	5.2 bar	1.7 bar
910A-6672	66.0"-72.0"	63.0"	24.0"	75 psi	25 psi
	1650 mm-1850 mm	1600 mm	610 mm	5.2 bar	1.7 bar
910A-7278	72.0"-78.0"	69.0"	24.0"	75 psi	25 psi
	1800 mm-2000 mm	1753 mm	610 mm	5.2 bar	1.7 bar
910A-7884	78.0"-84.0"	75.0"	24.0"	75 psi	25 psi
	1950 mm-2150 mm	1905 mm	610 mm	5.2 bar	1.7 bar
910A-8490	84.0"-90.0"	81.0"	24.0"	75 psi	25 psi
	2100 mm-2300 mm	2057 mm	610 mm	5.2 bar	1.7 bar
910A-9096	90.0"-96.0"	87.0"	24.0"	75 psi	25 psi
	2250 mm-2450 mm	2210 mm	610 mm	5.2 bar	1.7 bar
910A-96102	96.0"-102.0"	93.0"	24.0"	75 psi	25 psi
	2400 mm-2600 mm	2362 mm	610 mm	5.2 bar	1.7 bar
910A-102108	102.0"-108.0"	99.0"	24.0"	75 psi	25 psi
	2550 mm-2750 mm	2515 mm	610 mm	5.2 bar	1.7 bar
Custom Sizes Available! Call 800.575.8448					

Patent # 5066208



Always Read
Safety Manual
Before Operation

925 Series: Multi-Size Collapsible Joint Testers / Deflection Gauges

Control Panels are to be used a minimum of 20' away from Tester.
Always operate Tester with Remote Test Hoses & Anti-Rotation Bars



Water or Air Test Panel
Part # 900-001



Example: 925-3642



Example: 925-3642
(collapsed)

Available for
Rent or Sale!



Always Read
Safety Manual
Before Operation

925 Series: Multi-Size Collapsible Joint Testers / Grout Packers - Low Pressure

PART #	SIZE RANGE	DIAMETER	WIDTH	MAX INFLATION PRESSURE	MAX ALLOWABLE TEST PRESSURE
925-3036	30.0"-36.0"	27.0"	18.0"	50 psi	25 psi
	750 mm-950 mm	686 mm	457 mm	3.5 bar	1.7 bar
925-3642	36.0"-42.0"	33.0"	18.0"	50 psi	25 psi
	900 mm-1100 mm	838 mm	457 mm	3.5 bar	1.7 bar
925-4248	42.0"-48.0"	39.0"	18.0"	50 psi	25 psi
	1050 mm-1250 mm	991 mm	457 mm	3.5 bar	1.7 bar
925-4854	48.0"-54.0"	45.0"	18.0"	50 psi	25 psi
	1200 mm-1400 mm	1143 mm	457 mm	3.5 bar	1.7 bar
925-5460	54.0"-60.0"	51.0"	18.0"	50 psi	25 psi
	1350 mm-1550 mm	1295 mm	457 mm	3.5 bar	1.7 bar

Custom Sizes Available! Call 800.575.8448

Example: SDR-3550-8



Example: PR-2650-8

Custom Sizes & Specs
Always Available on Deflection
Gauges & Proving Rings!

SDR 26 PIPE

5% DEFLECTION			7.5% DEFLECTION		
DEFLECTION GAUGE PART #	PROVING RING PART #	FINISHED DIAMETER	DEFLECTION GAUGE PART #	PROVING RING PART #	FINISHED DIAMETER
SDR-2650-6	PR-2650-6	5.33"	SDR-2675-6	PR-2675-6	5.19"
SDR-2650-8	PR-2650-8	7.11"	SDR-2675-8	PR-2675-8	6.93"
SDR-2650-10	PR-2650-10	8.87"	SDR-2675-10	PR-2675-10	8.64"
SDR-2650-12	PR-2650-12	10.55"	SDR-2675-12	PR-2675-12	10.27"
SDR-2650-15	PR-2650-15	12.90"	SDR-2675-15	PR-2675-15	12.56"
SDR-2650-18	PR-2650-18	15.76"	SDR-2675-18	PR-2675-18	15.34"
SDR-2650-21	PR-2650-21	18.57"	SDR-2675-21	PR-2675-21	18.08"
SDR-2650-24	PR-2650-24	20.87"	SDR-2675-24	PR-2675-24	20.32"
SDR-2650-27	PR-2650-27	23.51"	SDR-2675-27	PR-2675-27	22.89"
SDR-2650-30	PR-2650-30	26.52"	SDR-2675-30	PR-2675-30	26.29"

Any size not on this chart is custom & will be made to customer specifications

SDR 35 PIPE

5% DEFLECTION			7.5% DEFLECTION		
DEFLECTION GAUGE PART #	PROVING RING PART #	FINISHED DIAMETER	DEFLECTION GAUGE PART #	PROVING RING PART #	FINISHED DIAMETER
SDR-3550-4	PR-3550-4	3.70"	SDR-3575-4	PR-3575-4	3.60"
SDR-3550-6	PR-3550-6	5.46"	SDR-3575-6	PR-3575-6	5.31"
SDR-3550-8	PR-3550-8	7.28"	SDR-3575-8	PR-3575-8	7.09"
SDR-3550-10	PR-3550-10	9.08"	SDR-3575-10	PR-3575-10	8.84"
SDR-3550-12	PR-3550-12	10.79"	SDR-3575-12	PR-3575-12	10.51"
SDR-3550-15	PR-3550-15	13.20"	SDR-3575-15	PR-3575-15	12.86"
SDR-3550-18	PR-3550-18	16.13"	SDR-3575-18	PR-3575-18	15.70"
SDR-3550-21	PR-3550-21	19.00"	SDR-3575-21	PR-3575-21	18.50"
SDR-3550-24	PR-3550-24	21.36"	SDR-3575-24	PR-3575-24	20.79"
SDR-3550-27	PR-3550-27	24.06"	SDR-3575-27	PR-3575-27	23.43"

Any size not on this chart is custom & will be made to customer specifications

1000 Series: Vacuum Test Systems



Example: 1000-36

1000 Series: Vacuum Test Plate		
PART #	DIAMETER	WEIGHT
1000-12	14.0"	10 lbs
	356 mm	4.5 kg
1000-24	26.0"	25 lbs
	660 mm	11.3 kg
1000-36	38.0"	42 lbs
	965 mm	19.1 kg
1000-42	44.0"	55 lbs
	1118 mm	24.9 kg
Custom Sizes Available! Call 800.575.8448		



Example: 1000-2030

1000 Series: Vacuum Test Plugs			
PART #	SIZE RANGE	BLADDER HEIGHT	REQUIRED INFLATION PRESSURE
1000-1824	17.0"-24.5"	12.0"	40 psi
	425 mm-650 mm	305 mm	2.8 bar
1000-2030	19.0"-30.5"	18.0"	40 psi
	475 mm-800 mm	457 mm	2.8 bar
1000-2430	22.5"-30.5"	12.0"	40 psi
	575 mm-800mm	305 mm	2.8 bar
1000-3036	28.5"-36.5"	12.0"	40 psi
	725 mm-950 mm	305 mm	2.8 bar

Available for
Rent or Sale!



Example: 1000-80



Example: 1000-80L

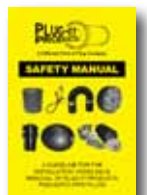


Example: 1000-80L-VH

1000 Series: Venturi Vacuum Pumps	
PART #	DESCRIPTION
1000-80	40 CFM
1000-80L	27 CFM
1000-80L-VH	27 CFM with 20' of 3/4" vacuum hose



1000 Series: Motorized Vacuum Pumps	
PART #	CUBIC FEET PER MINUTE
1000-500-50	50 CFM @ 15 in.hg.



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450 & 460 Series: Steam Process Plugs



Example: 450-48-2

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
450-610-3	6.0"-10.0"	5.3"	22.0"	3.0"	40 psi
	150 mm-250 mm	135 mm	559 mm	76 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
450-812-3	8.0"-12"	6.5"	22.0"	3.0"	40 psi
	200 mm-300 mm	165 mm	559 mm	76 mm	2.8 bar
450-812-4	8.0"-12"	6.5"	22.0"	4.0"	40 psi
	200 mm-300 mm	165 mm	559 mm	102 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
450-1015-3	10.0"-15.0"	8.5"	22.0"	3.0"	40 psi
	250 mm-400 mm	216 mm	559 mm	76 mm	2.8 bar
450-1015-4	10.0"-15.0"	8.5"	22.0"	4.0"	40 psi
	250 mm-400 mm	216 mm	559 mm	102 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
450-1218-3	12.0"-18.0"	10.0"	22.0"	3.0"	40 psi
	300 mm-450 mm	254 mm	559 mm	76 mm	2.8 bar
450-1218-4	12.0"-18.0"	10.0"	22.0"	4.0"	40 psi
	300 mm-450 mm	254 mm	559 mm	102 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
450-1521-3	15.0"-21.0"	13.5"	24.0"	3.0"	40 psi
	375 mm-550 mm	343 mm	610 mm	76 mm	2.8 bar
450-1521-4	15.0"-21.0"	13.5"	24.0"	4.0"	40 psi
	375 mm-550 mm	343 mm	610 mm	102 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
450-1824-3	18.0"-24.0"	16.0"	24.5"	3.0"	40 psi
	450 mm-625 mm	406 mm	622 mm	76 mm	2.8 bar
450-1824-4	18.0"-24.0"	16.0"	24.5"	4.0"	40 psi
	450 mm-625 mm	406 mm	622 mm	102 mm	2.8 bar
Larger Sizes & Bypass Available! Call 800.575.8448					



Example: 460-6

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					



125ST Series
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Washballs / AV Series / Nozzle Carriers



Example: 700-1218

700 Series: Multi-Size Washballs				
PART #	SIZE RANGE	DIAMETER	LENGTH	WEIGHT
700-4	3.5"-4.5"	3.0"	6.0"	3.0 lbs
	90 mm-125 mm	76 mm	152 mm	1.4 kg
700-68	5.0"-8.0"	4.5"	14.0"	6.0 lbs
	125 mm-200 mm	114 mm	356 mm	2.7 kg
700-812	7.0"-12.0"	6.5"	22.0"	8.0 lbs
	200 mm-300 mm	165 mm	559 mm	3.6 kg
700-1015	9.0"-15.0"	8.5"	22.5"	12.0 lbs
	250 mm-375 mm	229 mm	572 mm	5.4 kg
700-1218	11.0"-18.0"	10.5"	25.0"	19.0 lbs
	300 mm-450 mm	279 mm	635 mm	8.6 kg
700-1521	14.0"-21.0"	13.5"	28.0"	25.0 lbs
	350 mm-550 mm	343 mm	711 mm	11.3 kg
700-1824	17.0"-24.0"	16.5"	31.5"	35.0 lbs
	425 mm-600 mm	419 mm	800 mm	15.9 kg
700-2030	19.0"-30.0"	18.5"	35.5"	50.0 lbs
	475 mm-775 mm	470 mm	902 mm	22.7 kg
700-2033	19.0"-33.0"	18.5"	48.0"	75.0 lbs
	475 mm-850 mm	470 mm	1219 mm	34.0 kg
700-2436	24.0"-36.0"	20.5"	65.0"	100.0 lbs
	600 mm-950 mm	521 mm	1651 mm	45.3 kg
700-3048	30.0"-48.0"	22.5"	90.0"	175.0 lbs
	750 mm-1250 mm	572 mm	2286 mm	79.3 kg
700-4860	48.0"-60.0"	35.0"	92.0"	295.0 lbs
	1200 mm-1550 mm	889 mm	2337 mm	133.7 kg



Example: AV-10-4

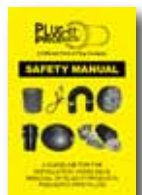
AV Series: Root Control Foam Applicator			
Cleanout Access			
PART #	SIZE RANGE	LENGTH	REQUIRED INFLATION PRESSURE
AV-10-4	4.0"	10.0'	20 psi
	100 mm	3.0 m	1.4 bar
AV-12-4	4.0"	12.0'	20 psi
	100 mm	3.7 m	1.4 bar
AV-10-6	6.0"	10.0'	20 psi
	150 mm	3.0 m	1.4 bar
AV-12-6	6.0"	12.0'	20 psi
	150 mm	3.7 m	1.4 bar
Custom Lengths Available! Call 800.575.8448			

AV Series: Root Control Foam Applicator			
Tee Access			
PART #	SIZE RANGE	LENGTH	REQUIRED INFLATION PRESSURE
AV-10-4T	4.0"	10.0'	20 psi
	100 mm	3.0 m	1.4 bar
AV-12-4T	4.0"	12.0'	20 psi
	100 mm	3.7 m	1.4 bar
AV-10-6T	6.0"	10.0'	20 psi
	150 mm	3.0 m	1.4 bar
AV-12-6T	6.0"	12.0'	20 psi
	150 mm	3.7 m	1.4 bar
Custom Lengths Available! Call 800.575.8448			



Example: 140-1

140 Series: Nozzle Carriers		
PART #	DIAMETER OF RUBBER	HOSE SIZE
140-1	3.5"	1.0"
	90 mm	25 mm
140-2	3.5"	0.75"
	90 mm	19 mm



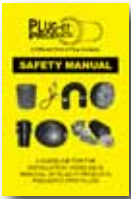
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Carriers



Example: CLA-46

CLA Series: Lateral Point Repair Carriers Ambient Cure				
PART #	SIZE RANGE	DIAMETER	LENGTH	REQUIRED INFLATION PRESSURE
CLA-34	3.0"-4.0"	1.75"	45.0"	25 psi
	75 mm-100 mm	44 mm	1.1 m	1.7 bar
CLA-46	4.0"-6.0"	2.75"	45.0"	25 psi
	100 mm-150 mm	70 mm	1.1 m	1.7 bar
CLA-68	6.0"-8.0"	4.63"	45.0"	25 psi
	150 mm-200 mm	118 mm	1.1 m	1.7 bar
CLA-PRK	Push Rod Kit - 20' (6.1 m)			



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Example: CA-812-60



Example: CWK-610



Example: CCK-610

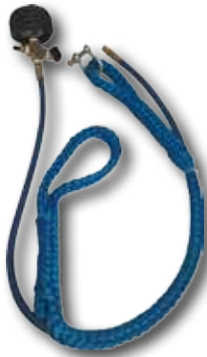
CA Series: Point Repair Carriers - Ambient Cure									
PART #	SIZE RANGE	DIAMETER	REQUIRED INFLATION PRESSURE	BYPASS SIZE	LENGTH	APPROXIMATE CONTACT AREA			OPTIONAL WHEEL KIT PART #
						4.0"	6.0"		
						100 mm	150 mm		
DIAMETER OF PIPE ►									
CA-46-60					60.0"	50.0"	50.0"		
					1500 mm	1270 mm	1270 mm		
CA-46-96					96.0"	85.0"	85.0"		
CA-46-120	4.0"-6.0"	2.5"	25 psi	1.0"	2400 mm	2159 mm	2159 mm	NONE	CCK-46
	100 mm-150 mm	64 mm	1.7 bar	25 mm	120.0"	109.0"	109.0"		
CA-46-144					3050 mm	2769 mm	2769 mm		
					144.0"	133.0"	133.0"		
CA-46-180					3650 mm	3378 mm	3378 mm		
					180.0"	179.0"	179.0"		
					4550 mm	4547 mm	4547 mm		
DIAMETER OF PIPE ►						6.0"	8.0"	10.0"	
						150 mm	200 mm	250 mm	
CA-610-60					60.0"	50.0"	50.0"	47.0"	
					1500 mm	1270 mm	1270 mm	1194 mm	
CA-610-96					96.0"	85.0"	85.0"	83.0"	
CA-610-120	6.0"-10.0"	4.25"	25 psi	2.5"	2400 mm	2159 mm	2159 mm	2108 mm	CWK-610
	150 mm-250 mm	108 mm	1.7 bar	64 mm	120.0"	109.0"	109.0"	107.0"	
CA-610-144					3050 mm	2769 mm	2769 mm	2718 mm	
					144.0"	133.0"	133.0"	131.0"	
CA-610-180					3650 mm	3378 mm	3378 mm	3327 mm	
					180.0"	179.0"	179.0"	177.0"	
					4550 mm	4547 mm	4547 mm	4596 mm	
DIAMETER OF PIPE ►						8.0"	10.0"	12.0"	
						200 mm	250 mm	300 mm	
CA-812-60					60.0"	48.0"	46.0"	45.0"	
					1500 mm	1219 mm	1168 mm	1143 mm	
CA-812-96					96.0"	84.0"	82.0"	81.0"	
CA-812-120	8.0"-12.0"	5.25"	25 psi	3.0"	2400 mm	2134 mm	2083 mm	2057 mm	CWK-812
	200 mm-300 mm	133 mm	1.7 bar	76 mm	120.0"	108.0"	106.0"	105.0"	
CA-812-144					3050 mm	2743 mm	2692 mm	2667 mm	
					144.0"	132.0"	130.0"	129.0"	
CA-812-180					3650 mm	3353 mm	3302 mm	3277 mm	
					180.0"	168.0"	164.0"	163.0"	
					4550 mm	4267 mm	4166 mm	4140 mm	

Chart Continued on Next Page...

Carriers

CA Series: Point Repair Carriers - Ambient Cure										
PART #	SIZE RANGE	DIAMETER	REQUIRED INFLATION PRESSURE	BYPASS SIZE	LENGTH	APPROXIMATE CONTACT AREA			OPTIONAL WHEEL KIT PART #	OPTIONAL CAGE KIT PART #
						10.0"	12.0"	15.0"		
						250 mm	300 mm	375 mm		
CA-1015-60					60.0"	48.0"	46.0"	45.0"		
					1500 mm	1219 mm	1168 mm	1143 mm		
CA-1015-96					96.0"	84.0"	82.0"	81.0"		
					2400 mm	2134 mm	2083 mm	2057 mm		
CA-1015-120	10.0"-15.0"	7.25"	25 psi	4.0"	120.0"	108.0"	106.0"	105.0"	CWK-1015	CCK-1015
	250 mm-375 mm	184 mm	1.7 bar	102 mm	3050 mm	2743 mm	2692 mm	2667 mm		
CA-1015-144					144.0"	132.0"	130.0"	129.0"		
					3650 mm	3353 mm	3302 mm	3277 mm		
CA-1015-180					180.0"	168.0"	164.0"	163.0"		
					4550 mm	4267 mm	4166 mm	4140 mm		
						12.0"	15.0"	18.0"		
						300 mm	375 mm	450 mm		
CA-1218-60					60.0"	49.0"	44.0"	43.0"		
					1500 mm	1245 mm	1118 mm	1092 mm		
CA-1218-96					96.0"	85.0"	80.0"	79.0"		
					2400 mm	2159 mm	2032 mm	2007 mm		
CA-1218-120	12.0"-18.0"	8.75"	25 psi	6.0"	120.0"	109.0"	104.0"	103.0"	CWK-1218	CCK-1218
	300 mm-450 mm	222 mm	1.7 bar	152 mm	3050 mm	2769 mm	2642 mm	2616 mm		
CA-1218-144					144.0"	133.0"	128.0"	127.0"		
					3650 mm	3378 mm	3251 mm	3226 mm		
CA-1218-180					180.0"	169.0"	164.0"	163.0"		
					4550 mm	4293 mm	4166 mm	4140 mm		
						15.0"	18.0"	21.0"		
						375 mm	450 mm	550 mm		
CA-1521-60					60.0"	49.0"	44.0"	43.0"		
					1500 mm	1245 mm	1118 mm	1092 mm		
CA-1521-96					96.0"	85.0"	80.0"	79.0"		
					2400 mm	2159 mm	2032 mm	2007 mm		
CA-1521-120	15.0"-21.0"	12.0"	20 psi	6.0"	120.0"	109.0"	104.0"	103.0"	CWK-1521	CCK-1521
	375 mm-550 mm	305 mm	1.4 bar	152 mm	3050 mm	2769 mm	2642 mm	2616 mm		
CA-1521-144					144.0"	133.0"	128.0"	127.0"		
					3650 mm	3378 mm	3251 mm	3226 mm		
CA-1521-180					180.0"	169.0"	164.0"	163.0"		
					4550 mm	4293 mm	4166 mm	4140 mm		
						18.0"	21.0"	24.0"		
						450 mm	550 mm	600 mm		
CA-1824-60					60.0"	47.0"	44.0"	42.0"		
					1500 mm	1194 mm	1118 mm	1067 mm		
CA-1824-96					96.0"	83.0"	80.0"	78.0"		
					2400 mm	2108 mm	2032 mm	1981 mm		
CA-1824-120	18.0"-24.0"	14.75"	20 psi	6.0"	120.0"	107.0"	104.0"	102.0"	CWK-1824	CCK-1824
	450 mm-600 mm	375 mm	1.4 bar	152 mm	3050 mm	2718 mm	2642 mm	2591 mm		
CA-1824-144					144.0"	131.0"	128.0"	126.0"		
					3650 mm	3327 mm	3251 mm	3200 mm		
CA-1824-180					180.0"	167.0"	164.0"	162.0"		
					4550 mm	4242 mm	4166 mm	4115 mm		
						21.0"	24.0"	30.0"		
						550 mm	600 mm	750 mm		
CA-2130-60					60.0"	45.0"	42.0"	39.0"		
					1500 mm	1143 mm	1067 mm	991 mm		
CA-2130-96					96.0"	81.0"	76.0"	71.0"		
					2400 mm	2057 mm	1930 mm	1803 mm		
CA-2130-120	21.0"-30.0"	15.0"	20 psi	6.0"	120.0"	105.0"	100.0"	95.0"	CWK-2130	CCK-2130
	525 mm-775 mm	381 mm	1.4 bar	152 mm	3050 mm	2667 mm	2540 mm	2413 mm		
CA-2130-144					144.0"	129.0"	124.0"	119.0"		
					3650 mm	3277 mm	3150 mm	3023 mm		
CA-2130-180					180.0"	165.0"	160.0"	155.0"		
					4550 mm	4191 mm	4064 mm	3937 mm		
						24.0"	30.0"	36.0"		
						600 mm	750 mm	900 mm		
CA-2436-60					60.0"	45.0"	40.0"	35.0"		
					1500 mm	1143 mm	1016 mm	889 mm		
CA-2436-96					96.0"	81.0"	76.0"	71.0"		
					2400 mm	2057 mm	1930 mm	1803 mm		
CA-2436-120	24.0"-36.0"	18.0"	20 psi	6.0"	120.0"	105.0"	100.0"	95.0"	CWK-2436	CCK-2436
	600 mm-900 mm	457 mm	1.4 bar	152 mm	3050 mm	2667 mm	2540 mm	2413 mm		
CA-2436-144					144.0"	129.0"	124.0"	119.0"		
					3650 mm	3277 mm	3150 mm	3023 mm		
CA-2436-180					180.0"	165.0"	160.0"	155.0"		
					4550 mm	4191 mm	4064 mm	3937 mm		

Inflation Ropes/Hoses



125 Series 60 PSI	
PART #	LENGTH
125-10	10.0'
	3.1 m
125-20	20.0'
	6.1 m
125-30	30.0'
	9.1 m
125-40	40.0'
	12.2 m
Longer Lengths Available	



125 Series Hydraulic 60 PSI	
PART #	LENGTH
125-10HY	10.0'
	3.1 m
125-20HY	20.0'
	6.1 m
125-30HY	30.0'
	9.1 m
125-40HY	40.0'
	12.2 m
Longer Lengths Available	



125 Series Steam 60 PSI	
PART #	LENGTH
125-10ST	10.0'
	3.1 m
125-20ST	20.0'
	6.1 m
125-30ST	30.0'
	9.1 m
125-40ST	40.0'
	12.2 m
Longer Lengths Available	



119 Series 60 PSI	
PART #	LENGTH
119-10	10.0'
	3.1 m
119-20	20.0'
	6.1 m
119-30	30.0'
	9.1 m
119-40	40.0'
	12.2 m
Longer Lengths Available	



119 Series Hydraulic 60 PSI	
PART #	LENGTH
119-10HY	10.0'
	3.1 m
119-20HY	20.0'
	6.1 m
119-30HY	30.0'
	9.1 m
119-40HY	40.0'
	12.2 m
Longer Lengths Available	



123HP Series Hydraulic 300 PSI	
PART #	LENGTH
123-10HPHY	10.0'
	3.1 m
123-20HPHY	20.0'
	6.1 m
123-30HPHY	30.0'
	9.1 m
123-40HPHY	40.0'
	12.2 m
Longer Lengths Available	



275 Series 30 & 60 PSI	
PART #	LENGTH
275-10	10.0'
	3.1 m
275-20	20.0'
	6.1 m
275-30	30.0'
	9.1 m
275-40	40.0'
	12.2 m
Longer Lengths Available	

Parts & Accessories

PART #	DESCRIPTION	
Gauge Block Assemblies		
123-1	Gauge Block Assembly 0-60 psi	
125-1	Gauge Block Assembly with Ball Valve 0-60 psi	
Gauges		
129-30CB	0-30 in.hg Vacuum Center Back Connection	
129-30L	0-30 in.hg Vacuum Lower Connection	
129-15	0-15 psi with Rubber Protector	
129-60	0-60 psi with Rubber Protector	
Remote Placement Pole & Attachments		
130-1	1/2" Pole Attachment	
130-2	5/8" Pole Attachment	
130-6	Remote Placement Telescopic Aluminum Pole (Attachments Sold Separately)	

PART #	DESCRIPTION	
Quick Couplers		
135-04F	1/4" F x 1/4" FIP	
135-04FM	1/4" F x 1/4" MIP	
135-04M	1/4" M x 1/4" MIP	
135-0406M	1/4" M x 3/8" MIP	
135-12F	3/4" Female Dixon	
135-12M	3/4" Male Dixon	
Safety Pressure Relief Valves		
138-25	1/4" 25 psi	
138-35	1/4" 35 psi	
139-12	1/2" 12 psi	
139-20	1/2" 20 psi	
139-25	1/2" 25 psi	
Inflation Fittings		
137-1	1/4" M Inflation Fitting	



Example: PC-30-36

PC Series: Pipe Creepers			
PART #	PIPE SIZE	LENGTH	
PC-24-30	24.0"	30.0"	
	600 mm	750 mm	
PC-24-36	24.0"	36.0"	
	600 mm	900 mm	
PC-30-30	30.0"	30.0"	
	750 mm	750 mm	
PC-30-36	30.0"	36.0"	
	750 mm	900 mm	
PC-36-30	36.0"	30.0"	
	900 mm	750 mm	
PC-36-36	36.0"	36.0"	
	900 mm	900 mm	



MUDCART

Mudcart		
PART #	WIDTH	LENGTH
MUDCART	12.0"	48.0"
	305 mm	1219 mm

Custom Design & Fabrication

Just a few of the custom products Plug-It Products has designed & fabricated over the years!



Flow Diversion in a structure.
48" pipe with a 24" bypass,
flowing uphill.



Custom 96" 300 Series: Disc Plug
in use. Braced for back pressure.



300 Series: Disc Plug. 120" with
48" sealed manway door.



Custom Vacuum Joint Tester.
Uses vacuum to test welds on
steel, mortar-lined pipe.



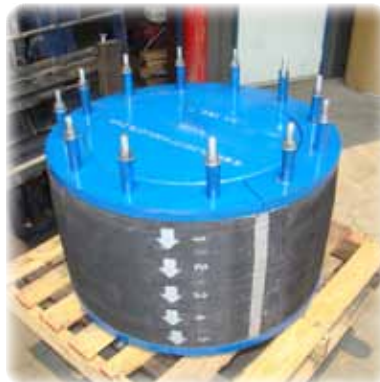
Custom 78" 1000 Series:
Vacuum Plate with window



This "spool" for 108" pipe was
lowered into a vertical pipe at
the bottom of a surcharge tower
that could not have the flow shut
down. Grout was then pumped
into the void between the end
bladders to fill up and block off
an intersecting horizontal pipe.
The "spool" was left in place.



Joint Tester built to vacuum test
120" V-Shaped concrete pipe.



30" High Pressure Mechanical
plug. Designed to fit through a
24" manhole.



66" Hydraulically Actuated Telescopic Flow Diverters used to dry up a structure in Denver, CO.
Diverters are steered into place remotely with included hydraulic control panel.

**Call Plug-It Products for
all of your custom design
and fabrication needs!
(800) 5-PLUG-IT**

MISSION STATEMENT

Plug-It Products strives to be the number one pipe and sewer plug manufacturer in the world by setting new standards in design, durability, and quality of our products, with an impeccable reputation built on honesty, good value, and a safe environment in which our craftsman can improve their quality of life.

ALL PIPE PLUGS ARE NOT CREATED EQUAL!

Some Facts to Compare When Selecting a Pipe Plug

Inflation Pressure -

- A higher inflation pressure gives a better safety margin against back pressure. We feature some of the highest inflation pressures in the industry. Compare and see for yourself!

Reinforcement -

- Some plugs are molded and have no reinforcement, but they are cheaper to buy. We use several materials for reinforcement such as polyester cord and DuPont Kevlar®. While Kevlar does not make our bladders bullet-proof, we can use fewer layers of reinforcement with Kevlar as compared to polyester cord. This saves labor cost while constructing the bladder!

Safety Relief Valves -

- Plug-It Products has featured Safety Relief Valves in some of our products for over 12 years
- Our Valves automatically reset to the proper pressure if the plug is over-inflated, so the contractor can continue using the plug
- The pressure relief valves help protect the plug from damage caused from over-inflation. Look for dealers who rent plugs with Safety Relief Valves! Don't buy a rental plug that fails because of the previous user!

Versatility -

- Our 400 Series Multi-Size Flow Diverters with flanged ends offer many different options; diverting flow, for pumping, or bypassing inside of a structure
- Our 900, 910, 925, & 950 Series can be used as Joint Testers or Grout Packers
- Our Multi-Size Joint Testers give the most wall clearance between the bladder and pipe wall. Our Joint Testers will clear allowable deflection and most bends in pipe, ending the need to disassemble the tester inside the pipe
- Our 925 Series Collapsible Joint Testers can test a larger diameter pipe while slipping through a 24" manhole opening, so the cone does not have to be pulled

Shop & Compare, the lowest price is not always the best deal!

We want you to inflate our plugs, not blow them up!

Safety Manual, Video, & CD Rom are available by contacting any of our locations on the back cover, or at
www.plugitproducts.com



Plug-It Products has gone Green!

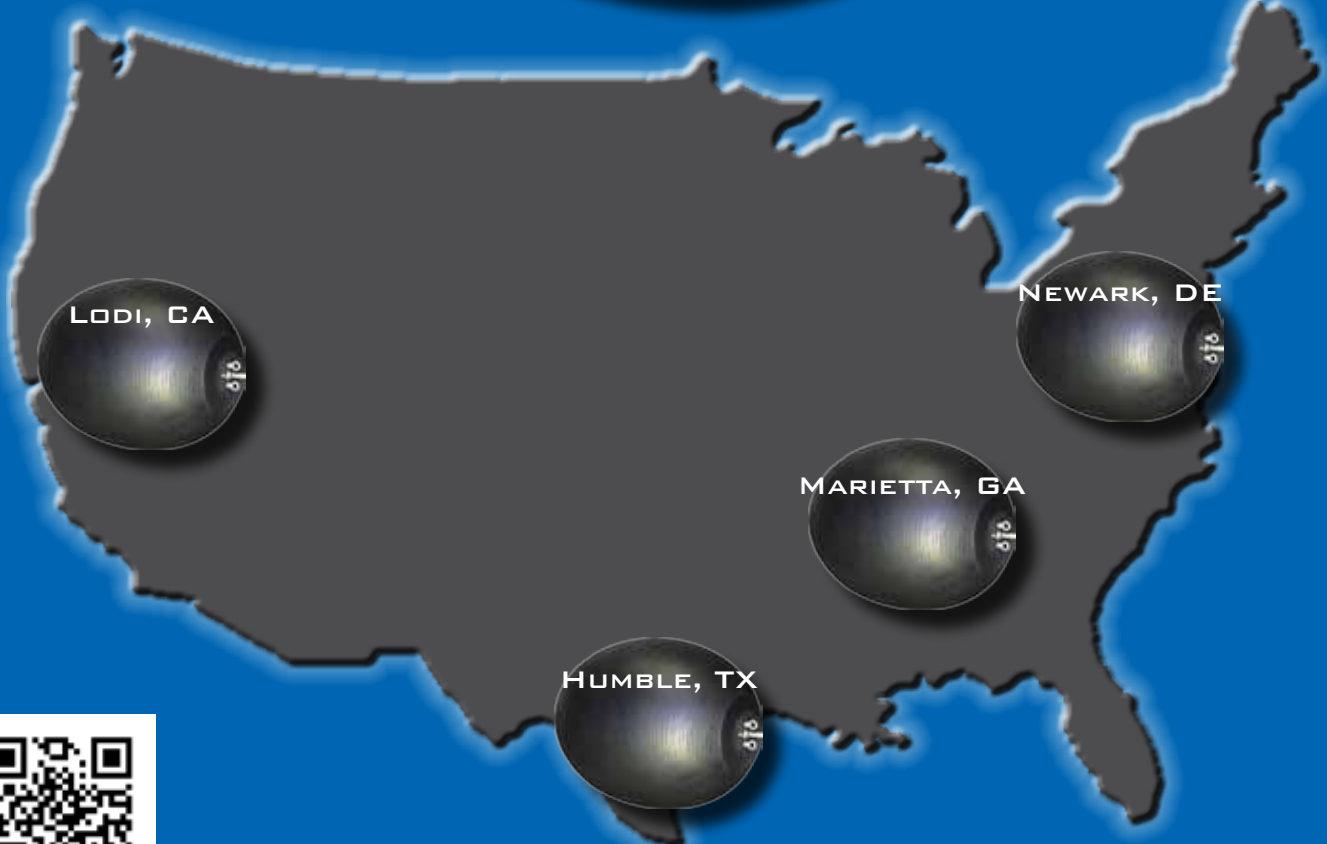
Our environment is important to Plug-It Products. By installing a 64 Kilowatt Photovoltaic Solar System, which produces 100% of our electric needs, we feel that we are doing our share to help protect the environment and reduce emissions on a daily basis.

PLUG-IT PRODUCTS

- A DIFFERENT KIND OF PLUG COMPANY -



(800) 575-8448
940 EAST PINE STREET
LODI, CA 95240
FAX: (209) 334-1671
WWW.PLUGITPRODUCTS.COM



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TEXAS WAREHOUSE

(281) 540-5785

1920 TREBLE DRIVE, UNIT B1
HUMBLE, TX 77338

GEORGIA WAREHOUSE

(678) 354-2662

2197 CANTON ROAD, SUITE 101
MARIETTA, GA 30066

DELAWARE WAREHOUSE

(302) 266-7900

20 SHEA WAY, SUITE 203
NEWARK, DE 19713