



MEDIUM PRESSURE INFLATABLE PIPE PLUG

Ballistic Nylon Reinforced Nitrile Outer Ply, Hydrocarbon Resistant Inflatable Pipe Plugs

WARNING: Never stand in front of a pressurized plug. Inflatable plugs must not be used as the primary means of protecting personnel downstream. If ejected under pressure, plugs can cause serious injury or fatality.



USA Industries' **Medium Pressure Inflatable Pipe Plug**, also known as a pipe balloon plug, or pressure test balloon, can be used for high expansion applications to temporarily isolate pipes during repairs, or in the event of a spill. We offer them in line sizes from 2" through 96".

The innovative design features durable synthetic materials that offer an extended lifespan in standard atmospheric conditions. Its compact size makes the isolation plug smaller and more flexible, allowing it to navigate through hot taps or branch lines into larger pipelines that would typically be difficult to access. This streamlined form not only blocks the flow of liquids during maintenance work but can also be used to seal off pipes or drains in the event of a spill, connecting easily to your air compressor. Additionally, its compact nature ensures minimal storage space is required.

- ✓ **Never** exceed back-pressure holding limit or inflate plug beyond the pressure level indicated on the plug label.
- ✓ **Do not** use inflatable pipe plugs in situations where failure could result in injury or catastrophic damage.
- ✓ **Maximum rated backpressures** apply only when plugs are used in clean, dry pipes.
- ✓ **Avoid** exposing plugs to temperatures above 200°F or below -20°F.
- ✓ **Do not** store plugs in direct sunlight for extended periods.

PRODUCT FEATURES:

- Size availability: 2" - 96"
- Ballistic nylon reinforced nitrile outer ply, with high-quality polyurethane inner bladder
- Hydrocarbon resistant
- Puncture and tear resistant
- Heat resistant materials are safe for use up to 200° F
- Includes pressure gauge and 2 ft. hose; longer hoses are available upon request
- Expandable design conforms to a wide range of pipe diameters (I.D.); inflate partially or fully according to your application needs
- Ideally suited for short-term use
- Made in the USA

NOTE: Pipe plugs can be customized to meet a wide range of size, pressure, temperature, and chemical compatibility requirements.

**If holding high backpressure is a requirement, ask us about our exclusive GripSafe®ST isolation and test plugs, or one of our other low to high pressure rated, high quality pipe plugs.*

For more information on USA Industries products, contact us at (800) 456-8721 or go to www.USAIindustries.com



MEDIUM PRESSURE INFLATABLE PIPE PLUG SPECIFICATIONS

Ballistic Nylon Reinforced Nitrile Outer Ply, Hydrocarbon Resistant Inflatable Pipe Plugs

Maximum Diameter Size	Deflated Diameter Size	Length Deflated	Pipe Plug Inflation Max Press.	Pipeline Pressure Max Head	Port, Inflation
2" (51mm)	1.7" (43mm)	10.5" (267mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1/2" M - 1/4" QD Plug
3" (76mm)	2" (51mm)	14" (356mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1/2" M - 1/4" QD Plug
4" (102mm)	2.5" (64mm)	16" (406mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1/2" M - 1/4" QD Plug
6" (152mm)	3" (76mm)	19" (483mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1" M - 1/4" QD Plug
8" (203mm)	3.5" (89mm)	21" (533mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1" M - 1/4" QD Plug
10" (254mm)	3.5" (89mm)	26" (660mm)	30 psi (2.07 bar)	15 psi (1.03 bar)/35' (10.6 m)	1" M - 1/4" QD Plug
12" (305mm)	4.5" (114mm)	40" (1016mm)	25 psi (1.72 bar)	12.5 psi (0.86 bar)/28.8' (8.8 m)	1-1/2" M - 1/4" QD Plug
14" (356mm)	5.5" (140mm)	43" (1092mm)	25 psi (1.72 bar)	12.5 psi (0.86 bar)/28.8' (8.8 m)	2" M - 1/2" QD Plug
15" (381mm)	5.5" (140mm)	44" (1118mm)	25 psi (1.72 bar)	12.5 psi (0.86 bar)/28.8' (8.8 m)	2" M - 1/2" QD Plug
16" (406mm)	5.5" (140mm)	46" (1168mm)	25 psi (1.72 bar)	12.5 psi (0.86 bar)/28.8' (8.8 m)	2" M - 1/2" QD Plug
18" (457mm)	6" (152mm)	51" (1295mm)	22 psi (1.52 bar)	11 psi (0.76 bar)/25.4' (7.73 m)	2" M - 1/2" QD Plug
20" (508mm)	6" (152mm)	56" (1422mm)	20 psi (1.37 bar)	10 psi (0.69 bar)/23.1' (7.03 m)	2" M - 1/2" QD Plug
22" (559mm)	6" (152mm)	59" (1499mm)	10 psi (0.69 bar)	5 psi (0.34 bar)/11.5' (3.52 m)	2" M - 1/2" QD Plug
24" (610mm)	6" (152mm)	66" (1676mm)	10 psi (0.69 bar)	5 psi (0.34 bar)/11.5' (3.52 m)	2" M - 1/2" QD Plug
26" (660mm)	6" (152mm)	72" (1829 mm)	10 psi (0.69 bar)	5 psi (0.34 bar)/11.5' (3.52 m)	2" M - 1/2" QD Plug
28" (711mm)	6" (152mm)	76" (1930mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
30" (762mm)	6" (152mm)	82" (2083mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
33" (838mm)	7" (178mm)	90" (2286mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
34" (863mm)	8" (203mm)	91.3" (2319mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
36" (914mm)	7" (178mm)	97" (2464mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
42" (1067mm)	8" (203mm)	114" (2896mm)	9 psi (0.62 bar)	4.5 psi (0.31 bar)/10.4' (3.16 m)	2" M - 1/2" QD Plug
48" (1219mm)	9" (229mm)	129" (3277mm)	6.5 psi (0.45 bar)	3.25 psi (0.22 bar)/7.5' (2.28 m)	2" M - 1/2" QD Plug
50" (1270mm)	9" (229mm)	136" (3454mm)	6.5 psi (0.45 bar)	3.25 psi (0.22 bar)/7.5' (2.28 m)	3" M - 1/2" QD Plug
54" (1372mm)	9" (229mm)	145" (3683mm)	5 psi (0.34 bar)	2.5 psi (0.17 bar)/5.8 ft (1.76 m)	2" M - 1/2" QD Plug
60" (1524mm)	10" (254mm)	160" (4064mm)	4.5 psi (0.31 bar)	2.25 psi (0.16 bar)/5.2' (1.58 m)	2" M - 1/2" QD Plug
66" (1676mm)	10" (254mm)	176" (4470mm)	4 psi (0.28 bar)	2 psi (0.14 bar)/4.6' (1.41 m)	2" M - 1/2" QD Plug
72" (1829mm)	10" (254mm)	191" (4851mm)	4 psi (0.28 bar)	2 psi (0.14 bar)/4.6' (1.4 m)	2" M - 1/2" QD Plug
84" (2134mm)	11" (279mm)	222" (5639mm)	3 psi (0.2 bar)	1.5 psi (0.10 bar)/3.5' (1.1 m)	3" M - 1/2" QD Plug
90" (2286mm)	11" (279mm)	239" (5791mm)	3 psi (0.2 bar)	1.5psi(0.10bar)/3.5' (1.1 m)	3" M - 1/2" QD Plug
96" (2438mm)	12" (305mm)	234" (5944mm)	3 psi (0.2 bar)	1.5 psi (0.10 bar)/3.5' (1.1 m)	3" M - 1/2" QD Plug

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