

MEDIUM PRESSURE INFLATABLE PIPE PLUG



READY TO SHIP 24/7 / 365



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

USA Industries' **MEDIUM PRESSURE INFLATABLE PIPE PLUG** — also known as a pipe balloon plug or pressure test balloon — temporarily isolates pipes during repairs or spill response in line sizes from 2" through 96". Built from durable synthetic materials for extended service life in standard atmospheric conditions, its compact, flexible profile navigates hot taps and branch lines to reach larger pipelines that are typically hard to access. The plug seals flow during maintenance or contains spills, connects easily to a standard air compressor, and stores in minimal space.

- ✓ **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.

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.

SPECIFICATION	DETAILS
SIZES	2" – 96"
OUTER PLY	Ballistic nylon-reinforced nitrile
INNER BLADDER	High-quality polyurethane
CHEMICAL RESISTANCE	Hydrocarbon resistant
DURABILITY	Puncture and tear resistant
TEMPERATURE RATING	Up to 200° F (heat resistant materials)
INCLUDED ACCESSORIES	Pressure gauge • 2' hose (longer hoses available)
INFLATION	Expandable design (conforms to a range of pipe ID's — partial or full inflation)
SERVICE TYPE	Short-term use
COUNTRY OF ORIGIN	USA

CUSTOMIZATION AVAILABLE

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

NEED HIGHER BACKPRESSURE?

If holding higher 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 pipe plugs.

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MAXIMUM DIAMETER SIZE	DEFLATED DIAMETER SIZE	LENGTH DEFLATED	PIPE PLUG INFLATION MAX PRESSURE	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
2" HP (51mm)	1.75" (44mm)	10.5" (267mm)	80 psi (5.51 bar)	40 psi (2.76 bar)/92' (28.1 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
3" HP (76mm)	2" (51mm)	14" (356mm)	80 psi (5.51 bar)	40 psi (2.76 bar)/92' (28.1 m)	3/4" 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
4" HP (102mm)	2.5" (64mm)	16" (406mm)	80 psi (5.51 bar)	40 psi (2.76 bar)/92' (28.1 m)	3/4" 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
6" HP (152mm)	3" (76mm)	19" (483mm)	80 psi (5.51 bar)	40 psi (2.76 bar)/92' (28.1 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
8" HP (203mm)	4.5" (114mm)	21" (533mm)	70 psi (4.82 bar)	35 psi (2.41 bar)/80.7' (24.6 m)	2" M - 1/2" 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
10" HP (254mm)	5" (127mm)	29.50" (749mm)	70 psi (4.82 bar)	35 psi (2.41 bar)/80.7' (24.6 m)	2" M - 1/2" 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
12" HP (305mm)	5.5" (140mm)	40" (1016mm)	70 psi (4.82 bar)	35 psi (2.41 bar)/80.7' (24.6 m)	2" M - 1/2" 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
14" HP (355mm)	5.5" (140mm)	45" (1143mm)	70 psi (4.83 bar)	35 psi (2.41 bar)/80.7' (24.6 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
15" HP (381mm)	6" (152mm)	44" (1118mm)	42 psi (2.90 bar)	21 psi (1.45 bar)/48' (14.8 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
16" HP (406mm)	6" (152mm)	46" (1168mm)	37 psi (2.55 bar)	18.5 psi (1.28 bar)/42.7' (13.01 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
18" HP (457mm)	6.5" (165mm)	51" (1295mm)	37 psi (2.55 bar)	18.5 psi (1.28 bar)/42.7' (13.01 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
20" HP (508mm)	7" (178mm)	56" (1422mm)	32 psi (2.21 bar)	16 psi (1.1 bar)/37' (11.25 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
30" HP (762mm)	8" (203mm)	82" (2083mm)	25 psi (1.72 bar)	12.5 psi (0.86 bar)/28.8' (8.8 m)	3" 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
36" HP (914mm)	9.5" (241mm)	97" (2464mm)	20 psi (1.38 bar)	10 psi (0.69 bar)/23' (7.03 m)	3" 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
42" (1067mm)	9.5" (241mm)	114" (2896mm)	18 psi (1.24 bar)	9 psi (0.62 bar)/20.8' (6.33 m)	3" 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
48" HP (1219mm)	10" (254mm)	129" (3277mm)	15 psi (1.03 bar)	7.5 psi (0.52 bar)/17.3' (5.27 m)	3" 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
54" HP (1372mm)	12" (305mm)	145" (3683mm)	11 psi (0.76 bar)	5.5 psi (0.38 bar)/12.7' (3.9 m)	3" 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
66" HP (1676mm)	13" (330mm)	176" (4470mm)	7.5 psi (0.52 bar)	3.75 psi (0.26 bar)/8.7' (2.64 m)	3" 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
72" HP (1829mm)	15" (381mm)	191" (4851mm)	7 psi (0.48 bar)	3.5 psi (0.24 bar)/8.1' (2.46 m)	3" 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