Light Duty Inflatable Bladders

Justram

Justram Light Duty bladders pack a solid performance when it comes to reliability, versatility, dependability, and ease of use. As a standard offering these bladders are supplied with a rubber bladder on inside with a ballistic nylon overlay to offer excellent abrasion resistance. Positioning / Tethering loops are provided to anchor the bladder. The bladders are very flexible and can navigate through bends unlike rubber molded bladders. These bladders have small deflated diameter and that makes it easier to install and remove from small openings.. Also these bladder material resists cracking and performs well over a long period of time.

- Pipe plug for high expansion applications.
- Lower pressure gas applications
- Industrial Ballistic Nylon Outer Ply
- Small deflated diameter and flexibility navigates small openings
- Higher pressure and more robust than typical "Gas Plugs"
- Very small storage area
- Custom sizes and materials available for most pressure, chemical, and temperature requirements.

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Item Number	Dia. Max	Dia. Deflated	Inflation Pressure Max	Max Head	Port, Inflation	Length Deflated	Shipping Wt.
LD-002	2" (51mm)	1" (25mm)	30 psi	15 psi / 35'	1ft Hose with Schrader Tire Valve	7" (178mm)	2 Lb (0.91 Kg)
LD-003	3" (76mm)	1" (25mm)	30 psi	15 psi / 35'	1ft Hose with Schrader Tire Valve	9" (229mm)	2 Lb (0.91 Kg)
LD-004	4" (102mm)	1.25" (32mm)	30 psi	15 psi / 35'	1ft Hose with Schrader Tire Valve	10" (254mm)	2 Lb (0.91 Kg)
LD-005	5" (127mm)	1.5" (38mm)	30 psi	15 psi / 35'	Schrader Tire Valve	15" (381mm)	2 Lbs (0.91 Kg)
LD-006	6" (152mm)	1.65" (42mm)	30 psi	15 psi / 35'	Schrader Tire Valve	17" (432mm)	2 Lb (0.9 Kg)
LD-008	8" (203mm)	2" (51mm)	30 psi	15 psi / 35'	Schrader Tire Valve	21" (534mm)	3 Lb (1.36 Kg)
LD-010	10" (254mm)	2" (51mm)	30 psi	15 psi / 35'	Schrader Tire Valve	31" (787mm)	3 Lb (1.36 Kg)
LD-012	12" (305mm)	2.5" (64mm)	25 psi	12.5 psi / 29'	Schrader Tire Valve	30" (762mm)	3 Lb (1.36 Kg)
LD-014	14" (356mm)	2.5" (64mm)	25 psi	12.5 psi / 29'	1" MNPT to 1/4" QD Plug	35" (889mm)	5 Lb (2.27 Kg)
LD-015	15" (381mm)	2.5" (64mm)	25 psi	12.5 psi / 29'	1" MNPT to 1/4" QD Plug	47" (1193mm)	5 Lb (2.27 Kg)
LD-016	16" (406mm)	3" (76mm)	25 psi	12.5 psi / 29'	1" MNPT to 1/4" QD Plug	39" (991mm)	6 Lb (2.72 Kg)
LD-018	18" (457mm)	3.5" (89mm)	22 psi	11 psi / 25'	2" MNPT to 1/2" QD Plug	45" (1143mm)	7 Lb (3.18 Kg)
LD-020	20" (508mm)	4" (102mm)	20 psi	10 psi / 23'	2" MNPT to 1/2" QD Plug	56" (1422mm)	7 Lb (3.18 Kg)
LD-024	24" (610mm)	4" (102mm)	10 psi	5 psi / 11'	2" MNPT to 1/2" QD Plug	71.1" (1806mm)	10 Lb (4.54 Kg)
LD-025	25" (635mm)	4" (102mm)	10 psi	5 psi / 11'	2" MNPT to 1/2" QD Plug	73" (1854mm)	10 Lb (4.54 Kg)
LD-026	26" (660mm)	4.5" (114mm)	10 psi	5 psi / 11'	2" MNPT to 1/2" QD Plug	63" (1601mm)	10 Lb (4.54 Kg)
LD-030	30" (762mm)	5" (127mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	94" (2387mm)	12 Lb (5.44 Kg)
LD-032	32" (813mm)	5" (127mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	76" (1931mm)	13 Lb (5.90 Kg)
LD-033	33" (838mm)	5" (127mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	79" (2007mm)	14 Lb (6.35 Kg)
LD-034	34" (864mm)	5" (127mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	81" (2058mm)	15 Lb (6.80 Kg)
LD-036	36" (914mm)	5" (127mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	103.1" (2619mm)	20 Lb (9.07 Kg)
LD-042	42" (1067mm)	6" (152mm)	9 psi	4.5 psi / 10'	2" MNPT to 1/2" QD Plug	99" (2515mm)	17 Lb (7.71 Kg)
LD-044	44" (1118mm)	6" (152mm)	7 psi	3.5 psi / 8'	2" MNPT to 1/2" QD Plug	103" (2617mm)	18 Lb (8.16 Kg)
LD-045	45" (1143mm)	6" (152mm)	6.5 psi	3.25 psi / 7.5'	2" MNPT to 1/2" QD Plug	136" (3454mm)	20 Lb (9.07 Kg)
LD-048	48" (1219mm)	6" (152mm)	6.5 psi	3.25 psi / 7.5'	2" MNPT to 1/2" QD Plug	112" (2845mm)	20 Lb (9.07 Kg)
LD-050	50" (1270mm)	6" (152mm)	6.5 psi	3.25 psi / 7.5'	2" MNPT to 1/2" QD Plug	143" (3632mm)	20 Lb (9.07 Kg)
LD-054	54" (1372mm)	6" (152mm)	5 psi	2.5 psi / 5.8'	2" MNPT to 1/2" QD Plug	153" (3886mm)	23 Lb (10.43 Kg)
LD-055	55" (1397mm)	6" (152mm)	5 psi	2.5 psi / 5.8'	2" MNPT to 1/2" QD Plug	159.1" (4041mm)	23 Lb (10.43 Kg)
LD-060	60" (1524mm)	7" (178mm)	4.5 psi	2.25 psi / 5.2'	2" MNPT to 1/2" QD Plug	165" (4191mm)	26 Lb (11.79 Kg)
LD-066	66" (1676mm)	7" (178mm)	3 psi	1.5 psi / 3.5'	2" MNPT to 1/2" QD Plug	153" (3887mm)	51 Lb (23.13 Kg)
LD-072	72" (1829mm)	7" (178mm)	2 psi	1 psi / 2.3'	2" MNPT to 1/2" QD Plug	166" (4217mm)	34 Lb (15.42 Kg)
LD-076	76" (1930mm)	7" (178mm)	2 psi	1 psi / 2.3'	2" MNPT to 1/2" QD Plug	212" (5385mm)	51 Lb (23.13 Kg)
LD-084	84" (2134mm)	8" (203mm)	1 psi	0.5 psi / 1.2 ft	2" MNPT to 1/2" QD Plug	193" (4903mm)	51 Lb (23.13 Kg)
LD-090	90" (2286mm)	9" (229mm)	1 psi	0.5 psi / 1.2 ft	2" MNPT to 1/2" QD Plug	211" (5360mm)	50 Lb (22.68 Kg)
LD-096	96" (2438mm)	10" (254mm)	1 psi	0.5 psi / 1.2 ft	2" MNPT to 1/2" QD Plug	224" (5690mm)	85 Lb (38.6 Kg)

All pipe plugs must be blocked or anchored adequately against a force equal to the head pressure times the cross-sectional area of the pipe. Debris or protrusions in the pipeline can damage a seal or rupture inflatable plugs. NEVER use an inflatable plug when its failure could cause injury or catastrophic damage or as the only means of protection for personnel working downstream. Use an adequately anchored Mechanical Plug for personnel protection. NEVER use a test pressure greater than the capacity of the weakest pipe or component in the system. Actual conditions vary so user must accept full risk and responsibility for the selection and use of any product.

Note: We are constantly upgrading our products and while we try to keep the websites up to date it is possible more current specifications may be on a quote or confirming order. Images are typically representative and may not be an exact representation especially of the item size.

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