



INFLATABLE HIGH-PRESSURE PIPE STOPPER

DATA SHEET

High-pressure inflatable stopper for secure pipeline isolation, maintenance and testing.



**UP TO 6.0
BAR**

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**50 MM TO
1000 MM**

PIPE I.D.
RANGE



**UP TO
12.0 BAR**

MAX. WORKING
PRESSURE



**HIGH-PRESSURE
PERFORMANCE**



**CONTROLLED
INFLATION**



CUSTOMIZABLE



BUILT TO SEAL. TESTED TO TRUST.

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INFLATABLE HIGH-PRESSURE PIPE STOPPER

HIGH-PRESSURE SEALING. SECURE PIPELINE ISOLATION.

The Plugline Inflatable High-Pressure Pipe Stopper is engineered for temporary pipeline isolation under demanding pressure conditions. Its reinforced elastomeric body expands uniformly against the pipe wall to provide a stable seal during testing, maintenance and repair operations.

Available in 6 bar multi-size and 12 bar single-size versions, the product range covers pipe internal diameters from 50 mm to 1000 mm and provides back-pressure resistance up to 6 bar.



FEATURES

HIGH-PRESSURE CAPACITY

Available with maximum working pressures of 6 bar or 12 bar.

HIGH BACK-PRESSURE RESISTANCE

Rated for back pressure up to 3 bar or 6 bar, depending on the selected pressure class.

REINFORCED ELASTOMERIC BODY

Industrial-grade construction supports reliable expansion and sealing under high-pressure conditions.

REINFORCED ELASTOMERIC BODY

Expands against the pipe wall to provide stable temporary sealing.

CONTROLLED INFLATION

Inflated through a dedicated connection using regulated air pressure.

MULTI-SIZE AND SINGLE-SIZE OPTIONS

The 6 bar range accommodates defined pipe-diameter ranges, while the 12 bar range is designed for specific nominal pipe sizes.

SEALING TODAY.
PROTECTING TOMOTOW

APPLICATIONS

- Industrial pipeline isolation
- Water and wastewater pipelines
- Sewer and drainage systems
- Pipeline pressure and leak testing
- Maintenance and repair operations
- Pipeline cleaning and rehabilitation
- Construction and infrastructure projects
- Temporary isolation of pressurized pipe sections

TECHNICAL SPECIFICATIONS

Pipe I.D. Range	50–1000 mm
Pressure Classes	6 bar and 12 bar
Maximum Working Pressure	Up to 12 bar / 174.04 psi
Maximum Back Pressure	Up to 6 bar / 87.02 psi
Operating Temperature	–20°C to +80°C
6 Bar Configuration	Multi-size
12 Bar Configuration	Single-size
Product Diameter Range	45–785 mm
Product Length Range	280–1300 mm
Product Weight Range	0.4–40 kg
Material Options	NR/SBR, CR or EPDM
Customization	Available according to project requirements

PRODUCT RANGE

INFLATABLE HIGH PRESSURE PIPE STOPPERS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size (mm)	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
IHS5070	50-70	50mm/1,97"	70mm/2,76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1,77"	280mm/11,02"	0,4kg/0,88lbs
IHS70100	70-100	70mm/2,76"	100mm/3,93"	6,0bar/87,02psi	3,0bar/43,51psi	65mm/2,51"	320mm/12,0"	0,6kg/1,32lbs
IHS100150	100-150	100mm/3,93"	150mm/5,90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IHS150200	150-200	150mm/5,90"	200mm/7,87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IHS200300	200-300	200mm/7,87"	300mm/11,81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IHS300400	300-400	300mm/11,81"	400mm/15,74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS375500	375-500	375mm/14,76"	500mm/19,68"	6,0bar/87,02psi	3,0bar/43,51psi	380mm/14,96"	1000mm/39,37"	9,4kg/20,72lbs
IHS500600	500-600	500mm/19,68"	600mm/23,62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
IHS600700	600-700	600mm/23,62"	700mm/27,55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS8001000	800-1000	800mm/31,49"	1000mm/39,37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs

INFLATABLE HIGH PRESSURE PIPE STOPPERS (12 bar/174,04 psi)

Product Code	Nominal Size (mm)	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
IHS100	100	100mm/3,93"	100mm/3,93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IHS150	150	150mm/5,90"	150mm/5,90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IHS200	200	200mm/7,87"	200mm/7,87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IHS300	300	300mm/11,81"	300mm/11,81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS350	350	350mm/13,78"	350mm/13,78"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS400	400	400mm/15,74"	400mm/15,74"	12,0bar/174,04psi	6,0bar/87,02psi	360mm/14,17"	1000mm/39,37"	10,0kg/22,05lbs
IHS500	500	500mm/19,68"	500mm/19,68"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
IHS600	600	600mm/23,62"	600mm/23,62"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS800	800	800mm/31,49"	800mm/31,49"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs

*Other sizes and custom pressure ratings available upon request.

