



INFLATABLE PIPE STOPPER

DATA SHEET

Flexible pneumatic sealing solution for temporary pipeline blocking, isolation and pressure testing.



**0.3 TO 1.0
BAR**

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**20 MM TO
2800 MM**

PIPE I.D.
RANGE



**UP TO 2.5
BAR**

MAX. WORKING
PRESSURE



**WIDE EXPANSION
RANGE**



**CONTROLLED
INFLATION**



CUSTOMIZABLE



REINFORCED BODY



BUILT TO SEAL. TESTED TO TRUST.

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INFLATABLE PIPE STOPPER

FLEXIBLE SEALING. CONTROLLED ISOLATION.

The Plugline Inflatable Pipe Stopper is a flexible pneumatic sealing solution designed for temporary pipeline blocking, isolation, pressure testing and leak detection.

The stopper is inserted into the pipeline in its deflated condition and inflated through its pressure connection. As it inflates, the reinforced elastomeric body expands against the internal pipe wall, creating a secure temporary seal. Its flexible construction allows each model to cover a range of pipe diameters, reducing the number of stopper sizes required on site.

Available for pipe internal diameters from 20 mm to 2800 mm, the range includes models with working pressures up to 2.5 bar and rated back-pressure resistance from 0.3 bar to 1.0 bar, depending on the selected model.



FEATURES

WIDE EXPANSION RANGE

Each model covers multiple pipe diameters, reducing the number of stopper sizes required.

WORKING-PRESSURE OPTIONS

Available in 1.0, 1.5 and 2.5 bar versions, depending on model.

BACK-PRESSURE RESISTANCE

Rated from 0.3 bar to 1.0 bar, depending on stopper size.

REINFORCED ELASTOMERIC BODY

Expands against the pipe wall to provide stable temporary sealing.

CONTROLLED INFLATION

Inflated through a dedicated connection using regulated air pressure.

MATERIAL OPTIONS

Available in NR/SBR, CR or EPDM.

APPLICATIONS

- Sewer and drainage pipelines
- Water and wastewater systems
- Pipeline testing and leak detection
- Temporary pipeline isolation
- Maintenance and repair operations
- Stormwater and municipal pipeline projects

TECHNICAL SPECIFICATIONS

Applicable Pipe I.D. Range	20 mm–2800 mm
Maximum Working Pressure	1.0–2.5 bar / 14.5–36.25 psi, depending on model
Rated Back Pressure	0.3–1.0 bar / 4.35–14.50 psi, depending on model
Body Construction	Reinforced elastomeric body
Material Options	NR/SBR, CR or EPDM
Inflation Method	Inflation through pressure valve
Deflated Product Diameter	18 mm–1180 mm, depending on model
Total Product Length	100 mm–4000 mm, depending on model
Product Weight	0.12 kg–240 kg, depending on model
Customization	Available according to application requirements

PRODUCT RANGE

INFLATABLE PIPE STOPPERS — 1.5 BAR / 21.75 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)
IPS50100/1,5	50-100	45mm/1,77"	100mm/3,93"	1,5bar/21,75psi	0,5bar/7,25psi	45mm/1,77"	330mm/12,99"	0,4kg/0,88lbs
IPS70150/1,5	70-150	70mm/2,75"	150mm/5,90"	1,5bar/21,75psi	0,5bar/7,25psi	64mm/2,51"	370mm/14,56"	0,6kg/1,32lbs
IPS100200/1,5	100-200	100mm/3,93"	200mm/7,87"	1,5bar/21,75psi	0,5bar/7,25psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IPS150300/1,5	150-300	150mm/5,90"	300mm/11,81"	1,5bar/21,75psi	0,5bar/7,25psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IPS200400/1,5	200-400	200mm/7,87"	400mm/15,74"	1,5bar/21,75psi	0,5bar/7,25psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IPS200500/1,5	200-500	200mm/7,87"	500mm/19,68"	1,5bar/21,75psi	0,5bar/7,25psi	185mm/7,28"	800mm/31,49"	3,7kg/8,15lbs
IPS300600/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	0,5bar/7,25psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IPS375750/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	0,5bar/7,25psi	360mm/14,17"	1000mm/39,37"	9,4kg/20,72lbs
IPS500800/1,5	500-800	500mm/19,68"	800mm/31,49"	1,5bar/21,75psi	0,5bar/7,25psi	485mm/19,09"	1000mm/39,37"	21,0kg/46,29lbs
IPS5001000/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	0,5bar/7,25psi	485mm/19,09"	1150mm/45,27"	21,3kg/46,95lbs
IPS6001200/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	0,5bar/7,25psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IPS5001200/1,5	500-1200	500mm/19,68"	1200mm/47,24"	1,5bar/21,75psi	0,5bar/7,25psi	485mm/19,09"	1400mm/55,11"	28,0kg/61,72lbs
IPS5001400/1,5	500-1400	500mm/19,68"	1400mm/55,11"	1,5bar/21,75psi	0,5bar/7,25psi	485mm/19,09"	1900mm/74,80"	35,5kg/78,26lbs
IPS6001600/1,5	600-1600	600mm/23,62"	1600mm/62,99"	1,5bar/21,75psi	0,5bar/7,25psi	575mm/22,63"	1900mm/74,80"	35,5kg/78,26lbs
IPS8001600/1,5	800-1600	800mm/31,49"	1600mm/62,99"	1,5bar/21,75psi	0,5bar/7,25psi	780mm/30,70"	1600mm/62,99"	46,0kg/101,41lbs
IPS8002000/1,5	800-2000	800mm/31,49"	2000mm/78,74"	1,5bar/21,75psi	0,5bar/7,25psi	780mm/30,70"	2400mm/94,48"	75,0kg/165,34lbs
IPS8002200/1,5	800-2200	800mm/31,49"	2200mm/86,61"	1,5bar/21,75psi	0,5bar/7,25psi	780mm/30,70"	3200mm/125,98"	80,0kg/176,36lbs
IPS12002400/1,5	1200-2400	1200mm/47,24"	2400mm/94,48"	1,5bar/21,75psi	0,5bar/7,25psi	1180mm/46,45"	3000mm/118,11"	170,0kg/374,68lbs
IPS12002800/1,0	1200-2800	1200mm/47,24"	2800mm/110,23"	1,0bar/14,50psi	0,3bar/4,35psi	1180mm/46,45"	4000mm/157,48"	205,0kg/451,82lbs

INFLATABLE PIPE STOPPERS — 2.5 BAR / 36.25 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)
IPS2040/2,5	20-40	20mm/0,78"	40mm/1,57"	2,5bar/36,25psi	1,0bar/14,50psi	18mm/0,70"	100mm/3,93"	0,12kg/0,26lbs
IPS2550/2,5	25-50	25mm/0,98"	50mm/1,96"	2,5bar/36,25psi	1,0bar/14,50psi	22mm/0,86"	110mm/4,33"	0,5kg/1,1lbs
IPS3570/2,5	35-70	35mm/1,37"	70mm/2,75"	2,5bar/36,25psi	1,0bar/14,50psi	33mm/1,29"	300mm/11,81"	0,2kg/0,44lbs
IPS50100/2,5	50-100	50mm/1,96"	100mm/3,93"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	330mm/12,99"	0,4kg/0,88lbs
IPS70150/2,5	70-150	70mm/2,75"	150mm/5,90"	2,5bar/36,25psi	1,0bar/14,50psi	64mm/2,51"	370mm/14,56"	0,6kg/1,32lbs
IPS100200/2,5	100-200	100mm/3,93"	200mm/7,87"	2,5bar/36,25psi	1,0bar/14,50psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IPS150300/2,5	150-300	150mm/5,90"	300mm/11,81"	2,5bar/36,25psi	1,0bar/14,50psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IPS200400/2,5	200-400	200mm/7,87"	400mm/15,74"	2,5bar/36,25psi	1,0bar/14,50psi	185mm/7,28"	650mm/25,59"	3,6kg/7,93lbs
IPS200500/2,5	200-500	200mm/7,87"	500mm/19,68"	2,5bar/36,25psi	1,0bar/14,50psi	185mm/7,28"	800mm/31,49"	3,9kg/8,58lbs
IPS300600/2,5	300-600	300mm/11,81"	600mm/23,62"	2,5bar/36,25psi	1,0bar/14,50psi	285mm/11,22"	850mm/33,46"	7,0kg/15,43lbs
IPS375750/2,5	375-750	375mm/14,76"	750mm/29,52"	2,5bar/36,25psi	1,0bar/14,50psi	360mm/14,17"	1000mm/39,37"	9,7kg/21,38lbs
IPS500800/2,5	500-800	500mm/19,68"	800mm/31,49"	2,5bar/36,25psi	1,0bar/14,50psi	485mm/19,09"	1000mm/39,37"	21,0kg/46,29lbs
IPS5001000/2,5	500-1000	500mm/19,68"	1000mm/39,37"	2,5bar/36,25psi	1,0bar/14,50psi	485mm/19,09"	1150mm/45,27"	22,0kg/48,50lbs
IPS6001200/2,5	600-1200	600mm/23,62"	1200mm/47,24"	2,5bar/36,25psi	1,0bar/14,50psi	585mm/23,03"	1300mm/51,18"	26,0kg/57,32lbs
IPS5001200/2,5	500-1200	500mm/19,68"	1200mm/47,24"	2,5bar/36,25psi	1,0bar/14,50psi	485mm/19,09"	1400mm/55,11"	28,0kg/61,72lbs
IPS5001400/2,5	500-1400	500mm/19,68"	1400mm/55,11"	2,5bar/36,25psi	1,0bar/14,50psi	485mm/19,09"	1900mm/74,80"	35,0kg/77,16lbs
IPS6001600/2,5	600-1600	600mm/23,62"	1600mm/62,99"	2,5bar/36,25psi	1,0bar/14,50psi	585mm/23,03"	1900mm/74,80"	45,0kg/99,20lbs
IPS8001600/2,5	800-1600	800mm/31,49"	1600mm/62,99"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,70"	1800mm/70,86"	35,0kg/77,16lbs
IPS8002000/2,5	800-2000	800mm/31,49"	2000mm/78,74"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,70"	2400mm/94,48"	75,0kg/165,34lbs
IPS8002200/2,5	800-2200	800mm/31,49"	2200mm/86,61"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,70"	3200mm/125,98"	80,0kg/176,36lbs
IPS12002400/2,5	1200-2400	1200mm/47,24"	2400mm/94,48"	2,5bar/36,25psi	1,0bar/14,50psi	1180mm/46,45"	3000mm/118,11"	240,0kg/528,96lbs

*Other sizes and custom pressure ratings available upon request.

