



INFLATABLE PILLOW PIPE STOPPER

DATA SHEET

Flexible pillow-type stopper for temporary isolation of large sewer and drainage pipelines.



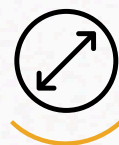
**0.2 TO 0.5
BAR**

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**600 MM TO
2000 MM**

PIPE I.D.
RANGE



**UP TO
1.0 BAR**

MAX. WORKING
PRESSURE



**FLEXIBLE PILLOW
DESIGN**



**RESTRICTED-
ACCESS INSERTION**



CUSTOMIZABLE



BUILT TO SEAL. TESTED TO TRUST.

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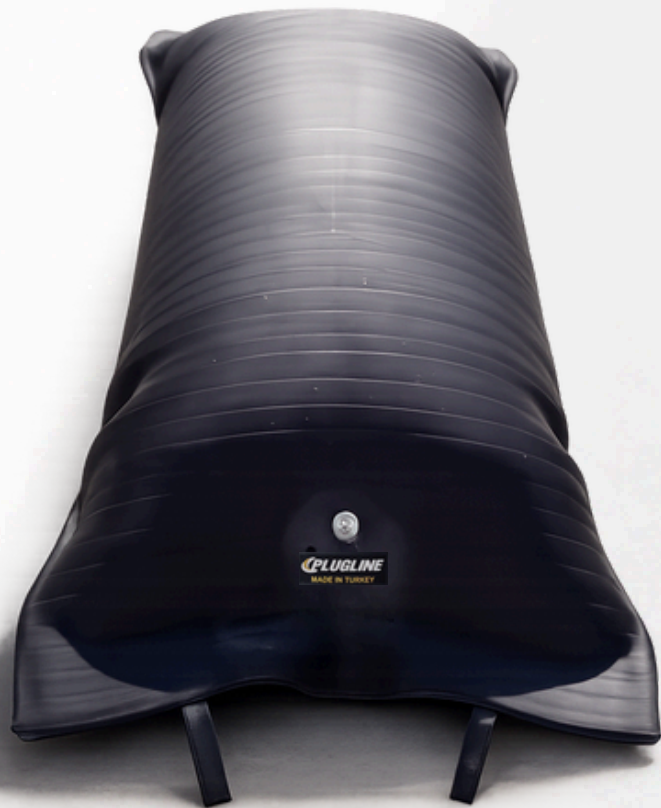
INFLATABLE PILLOW PIPE STOPPER

WIDE-RANGE ISOLATION. CONTROLLED BYPASS FLOW.

The Plugline Inflatable Pillow Pipe Stopper is designed for temporary blocking and isolation of large sewer, stormwater and drainage pipelines.

Its flexible, flattened construction allows the stopper to be folded and guided through gullies, manholes and other restricted access points. Once correctly positioned, controlled inflation expands the stopper against the internal pipe surface to form a temporary seal.

Pillow pipe stoppers may also be used together with pillow test plugs to isolate a pipeline section for leak or pressure testing.



APPLICATIONS

- Sewer and stormwater pipelines
- Municipal drainage systems
- Temporary large-pipe isolation
- Pipeline maintenance and repair
- Leak and pressure testing
- Pipe cleaning and rehabilitation
- Restricted-access pipeline sections
- Use with pillow test plugs for sectional testing

TECHNICAL SPECIFICATIONS

Applicable Pipe I.D. Range	600–2000 mm
Maximum Inflation Pressure	0.5–1.0 bar / 7.25–14.50 psi
Rated Back Pressure	0.2–0.5 bar / 2.90–7.25 psi
Operating Temperature	–40°C to +60°C
Size Configuration	Multi-size
Product Width Range	910–2180 mm
Product Length Range	2500–3200 mm
Product Weight Range	23–109 kg
Construction	Reinforced flexible pillow-type inflatable body
Material Options	NR/SBR, CR or EPDM
Inflation Method	Regulated air supply through inflation connection
Customization	Available according to project requirements

PRODUCT RANGE

INFLATABLE PILLOW PIPE STOPPERS (0,5 BAR/7,0 PSI - 1 BAR/14,5 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 Width (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
IPPS6001000	600-1000	600mm/23,62"	1000mm/39,37"	1,0bar/14,5psi	0,5bar/7,25psi	910mm/35,83"	2500mm/98,43"	23kg/50,71lbs
IPPS8001200	800-1200	800mm/31,5"	1200mm/47,24"	1,0bar/14,5psi	0,3bar/4,35psi	1200mm/47,24"	2500mm/98,43"	38kg/83,78lbs
IPPS10001400	1000-1400	1000mm/39,37"	1400mm/55,12"	0,8bar/11,5psi	0,3bar/4,35psi	1490mm/58,66"	2600mm/102,36"	50kg/110,23lbs
IPPS12001600	1200-1600	1200mm/47,24"	1600mm/62,99"	0,6bar/8,5psi	0,2bar/2,9psi	1645mm/64,76"	3000mm/118,11"	75kg/165,35lbs
IPPS15002000	1500-2000	1500mm/59,06"	2000mm/78,74"	0,5bar/7,0psi	0,2bar/2,9psi	2180mm/85,83"	3200mm/125,98"	109kg/240,31lbs

*Other sizes and custom pressure ratings available upon request.

HOW TO USE

Six-step installation and removal sequence - always follow the selected model limits.

- 01 SELECT**
Confirm the actual pipe internal diameter and select a model with the appropriate expansion and pressure ratings.
- 02 INSPECT**
Check the inflatable body, seams, reinforcement, inflation fitting and handling straps for cuts, abrasion or damage.
- 03 PREPARE**
Remove sharp edges, deposits and debris from the insertion route and internal pipe surface.
- 04 POSITION**
Insert the completely deflated and folded stopper, then position it fully within the selected isolation area.
- 05 RESTRAIN AND INFLATE**
Install suitable restraint and gradually inflate using regulated equipment to the pressure specified for the selected model.
- 06 RELEASE**
Remove all pipeline back pressure, completely deflate the stopper and carefully withdraw it using the handling straps.



SAFETY: KEEP CLEAR OF THE STOPPER WHILE PRESSURIZED.

Never exceed the specified inflation or back-pressure rating. Keep personnel clear of the potential ejection path and completely depressurize the pipeline and stopper before adjustment or removal.

FEATURES

FLEXIBLE PILLOW CONSTRUCTION

The deflated stopper can be folded into a compact profile for insertion through restricted access openings.

WIDE PIPE-SIZE COVERAGE

Individual models accommodate defined pipe-diameter ranges from 600 mm to 2000 mm.

RESTRICTED-ACCESS INSTALLATION

Suitable for installation through gullies, manholes and similar pipeline access points.

HANDLING STRAPS

Integrated straps assist with folding, positioning and retrieving the stopper.

MATERIAL OPTIONS

Available in NR/SBR, CR or EPDM according to the conveyed medium and operating conditions. Material compatibility must be confirmed for each application.

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PROTECTING TOMORROW



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