



INFLATABLE MEDIUM-SIZE PIPE STOPPER

DATA SHEET

Wide-range inflatable stopper for temporary isolation of medium-diameter pipelines.



0.5 BAR

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**50 MM TO
600 MM**

PIPE I.D.
RANGE



**UP TO
3.0 BAR**

MAX. WORKING
PRESSURE



**WIDE EXPANSION
RANGE**



**CONTROLLED
INFLATION**



CUSTOMIZABLE



BUILT TO SEAL. TESTED TO TRUST.

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INFLATABLE MEDIUM-SIZE PIPE STOPPER

WIDE-RANGE SEALING. RELIABLE PIPE ISOLATION.

The Plugline Inflatable Medium-Size Pipe Stopper is designed for temporary blocking and isolation of medium-diameter pipelines. Its flexible multi-size construction provides secure sealing across a wide pipe diameter range during maintenance, cleaning, testing and repair operations.

Models are available for pipe internal diameters from 50 mm to 600 mm.



FEATURES

WIDE EXPANSION RANGE

Each model covers multiple pipe diameters, reducing the number of stoppers required on site.

HIGH WORKING PRESSURE

Maximum inflation pressure of 2.5 or 3.0 bar, depending on the selected model.

BACK-PRESSURE RESISTANCE

Designed to withstand pipeline back pressure up to 0.5 bar.

FLEXIBLE CONSTRUCTION

The inflatable elastomeric body expands evenly against the internal pipe surface.

MATERIAL OPTIONS

Available in NR/SBR, CR or EPDM according to application requirements.

APPLICATIONS

- Sewer and drainage systems
- Water and wastewater pipelines
- Temporary pipeline isolation
- Pipeline cleaning and maintenance
- Leak and pressure testing
- Repair and rehabilitation work
- Drainage outlets and connections
- Temporary blocking of liquid or gas flow

TECHNICAL SPECIFICATIONS

Pipe I.D. Range	50–600 mm
Maximum Working Pressure	2.5–3.0 bar / 36.25–43.51 psi
Maximum Back Pressure	0.5 bar / 7.25 psi
Operating Temperature	–20°C to +80°C
Product Diameter Range	45–280 mm
Product Length Range	150–600 mm
Product Weight Range	0.3–6.0 kg
Size Configuration	Multi-size
Material Options	NR/SBR, CR or EPDM
Customization	Available according to project requirements

PRODUCT RANGE

INFLATABLE MEDIUM SIZE 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)
IMPS50100	50-100	50mm/1,97"	100mm/3,94"	3,0bar/43,51psi	0,5bar/7,25psi	45mm/1,77"	150mm/5,91"	0,3kg/0,66lbs
IMPS70150	70-150	70mm/2,76"	150mm/5,91"	3,0bar/43,51psi	0,5bar/7,25psi	65mm/2,56"	200mm/7,87"	0,4kg/0,88lbs
IMPS100200	100-200	100mm/3,94"	200mm/7,87"	3,0bar/43,51psi	0,5bar/7,25psi	85mm/3,34"	200mm/7,87"	1,0kg/2,20lbs
IMPS150300	150-300	150mm/5,91"	300mm/11,81"	2,5bar/36,25psi	0,5bar/7,25psi	135mm/5,31"	300mm/11,81"	2,0kg/4,40lbs
IMPS200400	200-400	200mm/7,87"	400mm/15,75"	2,5bar/36,25psi	0,5bar/7,25psi	182mm/7,16"	400mm/15,75"	3,0kg/6,60lbs
IMPS300600	300-600	300mm/11,81"	600mm/23,62"	2,5bar/36,25psi	0,5bar/7,25psi	280mm/11,02"	600mm/23,62"	6,0kg/13,2lbs

*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
Verify pipe ID, expansion range and rated back pressure.

02 INSPECT
Check the seal and steel parts; clean the pipe interior.

03 POSITION
Insert centrally, square to the pipe and clear of the opening.

04 EXPAND
Tighten the wing nut evenly until the seal grips securely.

05 PRESSURIZE
Increase pressure gradually; never exceed the model rating.

06 RELEASE
Fully depressurize, loosen, remove, clean and store dry.



SAFETY: KEEP CLEAR OF THE STOPPER WHILE PRESSURIZED.

Never exceed the specified inflation or back-pressure ratings. Use suitable restraint and completely depressurize the stopper before adjustment, disconnection or removal.