



INFLATABLE SMALL PIPE STOPPER

DATA SHEET

Compact inflatable stopper for temporary pipe blocking, testing and maintenance.



1.0 BAR

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**20 MM TO
1000 MM**

PIPE I.D.
RANGE



**UP TO
3.0 BAR**

MAX. WORKING
PRESSURE



COMPACT DESIGN



**SINGLE & MULTI-
SIZE OPTIONS**



CUSTOMIZABLE



BUILT TO SEAL. TESTED TO TRUST.

WWW.PLUGLINE.NET

INFLATABLE SMALL PIPE STOPPER

COMPACT SEALING. RELIABLE PIPE ISOLATION.

The Plugline Inflatable Small Pipe Stopper is a compact pneumatic solution for temporary pipeline blocking, testing, cleaning and repair operations. Its lightweight construction allows quick positioning and controlled inflation in small-diameter pipelines.

Available in single-size and multi-size configurations, the product range covers pipe internal diameters from 20 mm to 1000 mm and provides back-pressure resistance up to 1.0 bar.



APPLICATIONS

- Plumbing and residential drainage systems
- Sewer and wastewater pipelines
- Pipeline cleaning and maintenance
- Temporary pipe blocking
- Leak and pressure testing
- Pipe repair operations
- Drainage outlets and connections
- Confined or restricted pipe sections

TECHNICAL SPECIFICATIONS

Pipe I.D. Range	20–1000 mm
Maximum Working Pressure	2.5–3.0 bar / 36.25–43.51 psi
Maximum Back Pressure	1.0 bar / 14.50 psi
Operating Temperature	–20°C to +80°C
Size Configurations	Single-size and multi-size
Product Diameter Range	18–780 mm
Product Length Range	100–1200 mm
Product Weight Range	0.10–41 kg
Material Options	NR/SBR, CR or EPDM
Customization	Available according to project requirements

FEATURES

COMPACT AND LIGHTWEIGHT

Easy to transport, position and operate in confined pipe systems.

SINGLE AND MULTI-SIZE OPTIONS

Available for individual pipe diameters or defined expansion ranges.

HIGH INFLATION PRESSURE

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

BACK-PRESSURE RESISTANCE

Designed to withstand pipeline back pressure up to 1.0 bar.

MATERIAL OPTIONS

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

SEALING TODAY.
PROTECTING TOMORROW

PRODUCT RANGE

INFLATABLE SMALL 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)
ISPS20	20	20mm/0,79"	20mm/0,79"	3,0bar/43,51psi	1,0bar/14,50psi	18mm/0,70"	100mm/3,93"	0,1kg/0,22lbs
ISPS25	25	25mm/0,98"	25mm/0,98"	3,0bar/43,51psi	1,0bar/14,50psi	23mm/0,90"	100mm/3,93"	0,12kg/0,26lbs
ISPS30	30	30mm/1,18"	30mm/1,18"	3,0bar/43,51psi	1,0bar/14,50psi	28mm/1,10"	100mm/3,93"	0,15kg/0,33lbs
ISPS40	40	40mm/1,57"	40mm/1,57"	3,0bar/43,51psi	1,0bar/14,50psi	38mm/1,49"	100mm/3,93"	0,15kg/0,33lbs
ISPS50	50	50mm/1,98"	50mm/1,98"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	102mm/4,01"	0,25kg/0,55lbs
ISPS60	60	60mm/2,36"	60mm/2,36"	2,5bar/36,25psi	1,0bar/14,50psi	58mm/2,28"	102mm/4,01"	0,35kg/0,77lbs
ISPS75	75	75mm/2,95"	75mm/2,95"	2,5bar/36,25psi	1,0bar/14,50psi	68mm/2,67"	102mm/4,01"	0,45kg/0,99lbs
ISPS100	100	100mm/3,93"	100mm/3,93"	2,5bar/36,25psi	1,0bar/14,50psi	85mm/3,34"	150mm/5,91"	0,6kg/1,32lbs
ISPS150	150	150mm/5,91"	150mm/5,91"	2,5bar/36,25psi	1,0bar/14,50psi	135mm/5,31"	150mm/5,91"	1,1kg/2,43lbs
ISPS200	200	200mm/7,87"	200mm/7,87"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	250mm/9,84"	1,6kg/3,53lbs
ISPS225	225	225mm/8,85"	225mm/8,85"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	300mm/11,81"	2,2kg/4,85lbs
ISPS250	250	250mm/9,84"	250mm/9,84"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	300mm/11,81"	2,2kg/4,85lbs
ISPS300	300	300mm/11,81"	300mm/11,81"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	3,5kg/7,72lbs
ISPS350	350	350mm/13,77"	350mm/13,77"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	3,5kg/7,72lbs
ISPS400	400	400mm/15,75"	400mm/15,75"	2,5bar/36,25psi	1,0bar/14,50psi	380mm/14,96"	400mm/15,74"	7,5kg/16,53lbs
ISPS500	500	500mm/19,69"	500mm/19,69"	2,5bar/36,25psi	1,0bar/14,50psi	480mm/18,89"	450mm/17,72"	10,5kg/23,14lbs
ISPS600	600	600mm/23,62"	600mm/23,62"	2,5bar/36,25psi	1,0bar/14,50psi	580mm/22,83"	450mm/17,72"	15kg/33,06lbs
ISPS800	800	800mm/31,5"	800mm/31,5"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,71"	1200mm/47,24"	41kg/90,36lbs
ISPS2030	20-30	20mm/0,79"	30mm/1,18"	3,0bar/43,51psi	1,0bar/14,50psi	18mm/0,71"	100mm/3,94"	0,1kg/0,22lbs
ISPS3040	30-40	30mm/1,18"	40mm/1,57"	3,0bar/43,51psi	1,0bar/14,50psi	28mm/1,10"	100mm/3,94"	0,12kg/0,26lbs
ISPS3050	30-50	30mm/1,18"	50mm/1,97"	3,0bar/43,51psi	1,0bar/14,50psi	28mm/1,10"	100mm/3,94"	0,15kg/0,33lbs
ISPS4050	40-50	40mm/1,57"	50mm/1,97"	3,0bar/43,51psi	1,0bar/14,50psi	38mm/1,50"	100mm/3,94"	0,15kg/0,33lbs
ISPS5075	50-75	50mm/1,97"	75mm/2,95"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	102mm/4,01"	0,25kg/0,55lbs
ISPS70100	70-100	70mm/2,76"	100mm/3,94"	2,5bar/36,25psi	1,0bar/14,50psi	65mm/2,56"	150mm/5,91"	0,35kg/0,77lbs
ISPS100150	100-150	100mm/3,94"	150mm/5,91"	2,5bar/36,25psi	1,0bar/14,50psi	85mm/3,34"	150mm/5,91"	0,45kg/0,99lbs
ISPS150200	150-200	150mm/5,91"	200mm/7,87"	2,5bar/36,25psi	1,0bar/14,50psi	135mm/5,31"	200mm/7,87"	0,6kg/1,32lbs
ISPS200250	200-250	200mm/7,87"	250mm/9,84"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	250mm/9,84"	1,1kg/2,43lbs
ISPS250300	250-300	250mm/9,84"	300mm/11,81"	2,5bar/36,25psi	1,0bar/14,50psi	235mm/9,25"	300mm/11,81"	2,2kg/4,85lbs
ISPS300350	300-350	300mm/11,81"	350mm/13,78"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	3,5kg/7,71lbs
ISPS400450	400-450	400mm/15,75"	450mm/17,72"	2,5bar/36,25psi	1,0bar/14,50psi	380mm/14,96"	450mm/17,72"	4,4kg/9,69lbs
ISPS500550	500-550	500mm/19,69"	550mm/21,65"	2,5bar/36,25psi	1,0bar/14,50psi	480mm/18,90"	450mm/17,72"	5,5kg/12,12lbs
ISPS600650	600-650	600mm/23,62"	650mm/25,59"	2,5bar/36,25psi	1,0bar/14,50psi	580mm/22,83"	450mm/17,72"	18kg/39,67lbs
ISPS8001000	800-1000	800mm/31,50"	1000mm/39,37"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,71"	1200mm/47,24"	40kg/88,16lbs

*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 pipe internal diameter, required expansion range and applicable pressure rating.

02 INSPECT
 Check the stopper body, inflation connection and equipment for damage, wear or contamination.

03 POSITION
 Clean the pipe interior and insert the stopper completely into the required operating position.

04 INFLATE
 Inflate gradually and evenly to the specified working pressure for the selected model.

05 VERIFY
 Confirm that the stopper is stable and maintain pressure within the rated back-pressure limit.

06 RELEASE
 Fully depressurize the stopper, disconnect the inflation equipment and carefully remove it from the pipe.



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.

