



INFLATABLE SMALL PIPE TEST PLUG

DATA SHEET

Compact inflatable test plug for pipeline isolation, bypass flow and pressure testing.



1.0 BAR

BACK
PRESSURE



**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**30 MM TO
1000 MM**

PIPE I.D.
RANGE



**UP TO
3.0 BAR**

MAX. WORKING
PRESSURE



**SINGLE & MULTI-
SIZE OPTIONS**



**INTEGRATED
BYPASS**



**LIGHTWEIGHT
DESIGN**



BUILT TO SEAL. TESTED TO TRUST.

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INFLATABLE SMALL PIPE TEST PLUG

COMPACT ISOLATION. CONTROLLED TESTING.

The Plugline Inflatable Small Pipe Test Plug is a compact pneumatic solution for temporary pipeline isolation, testing, cleaning and repair. Its integrated bypass connection allows controlled fluid or air passage during testing and maintenance operations.

Available in single-size and multi-size models, the range covers pipe internal diameters from 30 mm to 1000 mm.



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.

INTEGRATED BYPASS

Bypass connections from M8 up to 2 inches are available, depending on the selected model.

PRESSURE PERFORMANCE

Maximum inflation pressure of 2.5 or 3.0 bar, with back-pressure resistance up to 1.0 bar.

MATERIAL OPTIONS

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

SEALING TODAY.
PROTECTING TOMOTOW

APPLICATIONS

- Sewer and drainage systems
- Plumbing and residential pipelines
- Pipeline pressure and leak testing
- Temporary pipe isolation
- Cleaning and maintenance operations
- Pipeline repair work
- Controlled air or fluid passage
- Confined pipe sections

TECHNICAL SPECIFICATIONS

Pipe I.D. Range	30–1000 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
Bypass Connections	M8 to 50.8 mm / 2 in
Product Diameter Range	28–780 mm
Product Length Range	50–1200 mm
Product Weight Range	0.6–55 kg
Material Options	NR/SBR, CR or EPDM

PRODUCT RANGE

INFLATABLE SMALL PIPE TEST PLUGS (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)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
ISTP30	30	30mm/1,18"	30mm/1,18"	3,0bar/43,51psi	1,0bar/14,50psi	28mm/1,10"	50mm/1,97"	M8	0,6kg/1,32lbs
ISTP40	40	40mm/1,57"	40mm/1,57"	3,0bar/43,51psi	1,0bar/14,50psi	38mm/1,49"	60mm/2,36"	M8	0,6kg/1,32lbs
ISTP50	50	50mm/1,98"	50mm/1,98"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	80mm/3,15"	3,17mm/1/8"	0,75kg/1,65lbs
ISTP60	60	60mm/2,36"	60mm/2,36"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	80mm/3,15"	3,17mm/1/8"	0,85kg/1,87lbs
ISTP75	75	75mm/2,95"	75mm/2,95"	2,5bar/36,25psi	1,0bar/14,50psi	65mm/2,56"	100mm/3,93"	6,35mm/1/4"	0,95kg/2,09lbs
ISTP100	100	100mm/3,93"	100mm/3,93"	2,5bar/36,25psi	1,0bar/14,50psi	85mm/3,34"	150mm/5,91"	12,70mm/1/2"	1,2kg/2,64lbs
ISTP150	150	150mm/5,91"	150mm/5,91"	2,5bar/36,25psi	1,0bar/14,50psi	135mm/5,31"	150mm/5,91"	25,40mm/1"	1,8kg/3,96lbs
ISTP200	200	200mm/7,87"	200mm/7,87"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	200mm/7,87"	25,40mm/1"	2,0kg/4,41lbs
ISTP225	225	225mm/8,85"	225mm/8,85"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	300mm/11,81"	25,40mm/1"	3,5kg/7,72lbs
ISTP250	250	250mm/9,84"	250mm/9,84"	2,5bar/36,25psi	1,0bar/14,50psi	235mm/9,25"	300mm/11,81"	25,40mm/1"	2,9kg/6,39lbs
ISTP300	300	300mm/11,81"	300mm/11,81"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	50,80mm/2"	6,2kg/13,66lbs
ISTP350	350	350mm/13,77"	350mm/13,77"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	50,80mm/2"	6,2kg/13,66lbs
ISTP400	400	400mm/15,75"	400mm/15,75"	2,5bar/36,25psi	1,0bar/14,50psi	380mm/14,96"	450mm/17,72"	50,80mm/2"	11kg/24,24lbs
ISTP500	500	500mm/19,69"	500mm/19,69"	2,5bar/36,25psi	1,0bar/14,50psi	480mm/18,90"	450mm/17,72"	50,80mm/2"	16kg/35,26lbs
ISTP600	600	600mm/23,62"	600mm/23,62"	2,5bar/36,25psi	1,0bar/14,50psi	580mm/22,83"	450mm/17,72"	50,80mm/2"	22kg/48,49lbs
ISTP800	800	800mm/31,50"	800mm/31,5"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,71"	1200mm/47,24"	50,80mm/2"	55kg/121,22lbs
ISTP3040	30-40	30mm/1,18"	40mm/1,57"	2,5bar/36,25psi	1,0bar/14,50psi	28mm/1,10"	50mm/1,97"	M8	0,6kg/1,32lbs
ISTP5075	50-75	50mm/1,98"	75mm/2,95"	2,5bar/36,25psi	1,0bar/14,50psi	45mm/1,77"	80mm/3,15"	3,17mm/1/8"	0,75kg/1,65lbs
ISTP70100	70-100	70mm/2,76"	100mm/3,93"	2,5bar/36,25psi	1,0bar/14,50psi	65mm/2,56"	150mm/5,91"	6,35mm/1/4"	0,95kg/2,09lbs
ISTP100150	100-150	100mm/3,93"	150mm/5,91"	2,5bar/36,25psi	1,0bar/14,50psi	85mm/3,34"	150mm/5,91"	12,70mm/1/2"	1,2kg/2,65lbs
ISTP150200	150-200	150mm/5,91"	200mm/7,87"	2,5bar/36,25psi	1,0bar/14,50psi	135mm/5,31"	200mm/7,87"	25,40mm/1"	1,8kg/3,97lbs
ISTP200250	200-250	200mm/7,87"	250mm/9,84"	2,5bar/36,25psi	1,0bar/14,50psi	182mm/7,16"	250mm/9,84"	25,40mm/1"	2,0kg/4,41lbs
ISTP250300	250-300	250mm/9,84"	300mm/11,81"	2,5bar/36,25psi	1,0bar/14,50psi	235mm/9,25"	300mm/11,81"	25,40mm/1"	2,9kg/6,39lbs
ISTP300350	300-350	300mm/11,81"	350mm/13,78"	2,5bar/36,25psi	1,0bar/14,50psi	280mm/11,02"	300mm/11,81"	50,80mm/2"	6,2kg/13,66lbs
ISTP400450	400-450	400mm/15,75"	450mm/17,72"	2,5bar/36,25psi	1,0bar/14,50psi	380mm/14,96"	450mm/17,72"	50,80mm/2"	11,0kg/24,24lbs
ISTP500550	500-550	500mm/19,69"	550mm/21,65"	2,5bar/36,25psi	1,0bar/14,50psi	480mm/18,90"	450mm/17,72"	50,80mm/2"	16,0kg/30,86lbs
ISTP600650	600-650	600mm/23,62"	650mm/25,59"	2,5bar/36,25psi	1,0bar/14,50psi	480mm/18,90"	450mm/17,72"	50,80mm/2"	22,0kg/48,48lbs
ISTP8001000	800-1000	800mm/31,50"	1000mm/39,37"	2,5bar/36,25psi	1,0bar/14,50psi	780mm/30,71"	1200mm/47,24"	50,80mm/2"	55kg/121,22lbs

*Other sizes and custom pressure ratings available upon request.

HOW TO USE

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

SELECT

01

Confirm the pipe internal diameter, plug size range, bypass connection and required pressure rating.

INSPECT

02

Check the inflatable body, bypass fitting and inflation equipment for damage or contamination.

POSITION

03

Clean the pipe interior and insert the plug completely into the required operating position.

CONNECT

04

Securely connect the required hose or testing equipment to the bypass connection.

INFLATE AND TEST

05

Inflate gradually to the specified pressure and conduct the operation within the rated back-pressure limit.

RELEASE

06

Release all pipeline and inflation pressure, disconnect the equipment and carefully remove the plug.



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.

