

a totalien brand

PLUGLINE



**For Testing Pipeline
Use Plugline**



www.plugline.net



export@plugline.net

About Us

TOTALIEN ENDUSTRIYEL URUNLER SAN. TIC. LTD. STI. is a progressive, customer- focused company, we are manufacturer and distributor of the quality products at lower prices, to our customers through continuous improvement at Istanbul head office and at middle east Office has been service .

PLUGLINE as a brand of TOTALIEN emerges as a leading manufacturer and distributor of pipe plugs, pipe test plugs, joint tester, packers and pipe line repairing and cleaning accessories,

PLUGLINE manufactures and distributes quality materials at a reasonable cost, and as its standard sustainable products but also develop many customized and unique custom- made solutions for temporary sealing or stopping the fluid flow in a pipeline,

PLUGLINE have custom made solutions also for leak testing and by-passing the flow, blocking the ends of pipes to prevent the entry of dirt and other contaminants during construction, maintenance or repair of pipelines

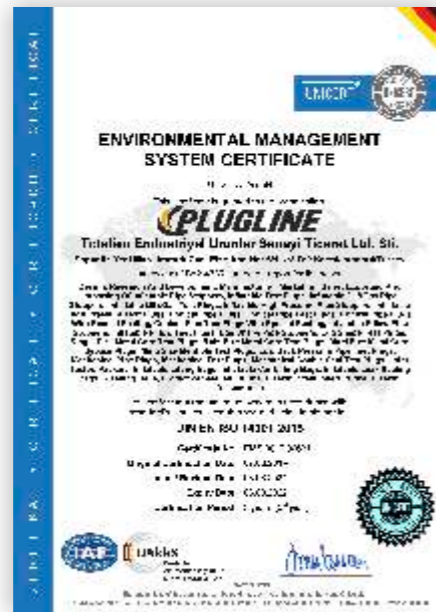
It will be our pleasure to assist you during your projects, in our platform find products information anytime, anywhere, no more waiting for quotes, there is a lot of products in that platform, we customize and diversify our products to ensure to find your relevant products to your business

Our specialist and dedicated multi-disciplined team of engineers offers dedicated support from design stage to installation stage, through manufacturing and testing, with a Professional large-scale production base.

PLUGLINE marketing own products to Europe, North Africa and Middle East Countries by innovative shipping solutions to get them to site more affordably with reduced lead times. such as CIF, DAP, DDP, EXW, On-site service

We have a clear purpose for the vision and mission of the company. Our vision is meeting customer's expectations through advanced product development and we are committed to provide proactive attitude by finding the best solutions with competitive price for our clients, meeting client's quality expectations on-time and guarantee the reliability of our products.

We believe that honesty and integrity engender trust with commitment and quality. We are dedicated to provide a strong supporting hand to our clients through continuous improvement as our mission.



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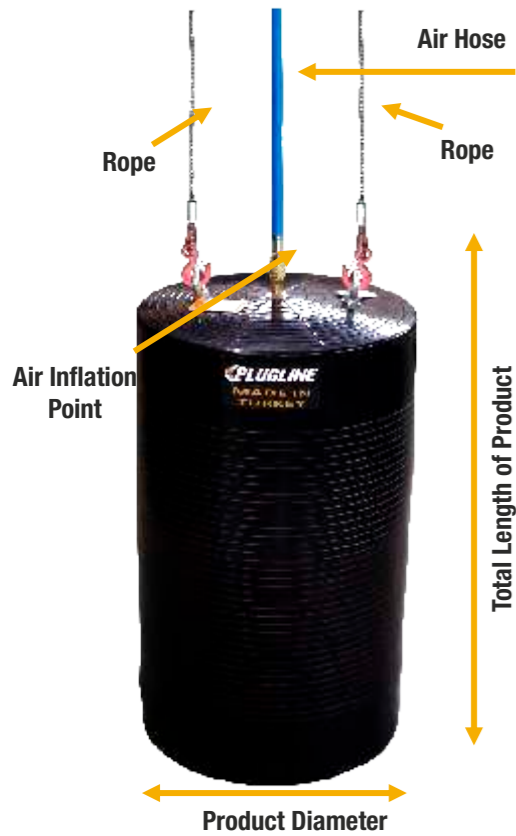


CPUGLINE

**INFLATABLE
PIPE STOPPERS
SERIES**

**INFLATABLE
PIPE TEST
PLUGS SERIES**

INFLATABLE PIPE STOPPERS



Inflatable Pipe Stoppers are;

- Designed for sealing sewers, drainage systems, pipelines and gullies.
- Mainly used during the technical support to repair and to fix the sewers, pipelines, drainage systems, gullies, fixing accidental issues.
- Purposed to be suitable for use in sewers, pipelines, drainage systems, gullies leak locating and testing with air or water. They are used with PLUGLINE Inflatable Pipe Test Plugs as a set to perform tests.
- Adequate and suitable for use on testing the pipes in accordance with EN 1610:2015 Standard.
- Made of high-quality special NR/SBR rubber reinforced with kevlar tire (lighter, tougher, and more puncture-resistant) cording. This material can be changed with NBR, CR, EPDM materials according to customer and application requirement.
- Available for pipe diameters from 35 mm (1,37") to 4200 mm (165,35").
- These Stoppers are Pneumatic Stoppers, they can be called as Pneumatic Ball, Standard inflating/working pressures of PLUGLINE Inflatable Pipe Stoppers are specified as 1,5 Bar (21,75 psi) and 2,5 Bar (36,25 psi).
- In addition to these pressures, Inflatable Pipe Stoppers have higher working pressures like 6,0 Bar (87,02 psi) and 12,0 Bar (174,04 psi) that they are named as PLUGLINE Inflatable High Pressure Pipe Stoppers.
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F).
- Providing have high resistance to chemicals.

INFLATABLE PIPE STOPPERS

INFLATABLE PIPE STOPPERS (1,5 BAR / 21,75 PSI)

Product Code	Nominal Size	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
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
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"	2150mm/84,54"	36,0kg/79,36lbs
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
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"	3200mm/62,99"	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"	75,0kg/165,34lbs
IPS12002400/1,5	1200-1400	1200mm/47,24"	2400mm/94,48"	1,5bar/21,75psi	0,5bar/7,25psi	1180mm/46,45"	2500mm/98,42"	185Kg/407,85lbs
IPS12002800/1,5	1200-2800	1200mm/47,24"	2800mm/110,23"	1,5bar/21,75psi	0,5bar/7,25psi	1180mm/46,45"	6000mm/236,22"	220kg/485lbs
IPS14002800/1,5	1400-2800	1400mm/55,11"	2800mm/110,23"	1,5bar/21,75psi	0,5bar/7,25psi	1320mm/51,96"	3600mm/141,73"	240,0kg/529,10lbs
IPS14003200/1,5	1400-3200	1400mm/55,11"	3200mm/125,98"	1,5bar/21,75psi	0,5bar/7,25psi	1320mm/51,96"	4000mm/157,48"	290kg/639,33lbs
IPS18003600/1,5	1800-3600	1800mm/70,87"	3600mm/141,73"	1,5bar/21,75psi	0,5bar/7,25psi	1780mm/70,08"	4000mm/157,48"	400,0kg/881,83lbs
IPS18004200/1,5	1800-4200	1800mm/70,87"	4200mm/165,35"	1,5bar/21,75psi	0,5bar/7,25psi	1780mm/70,08"	6000mm/236,22"	600,0kg/1320,00lbs

INFLATABLE PIPE STOPPERS (2,5 BAR / 36,25 PSI)

Product Code	Nominal Size	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
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
IPS14002800/2,5	1400-2800	1400mm/55,11"	2800mm/110,23"	2,5bar/36,25psi	1,0bar/14,50psi	1300mm/51,18"	3600mm/141,73"	240,0kg/529,10lbs

What is the Meaning of Back Pressure?

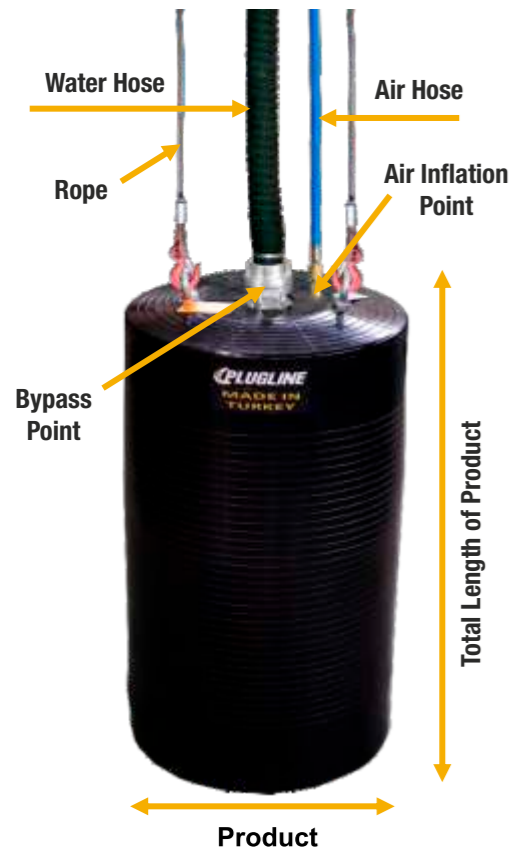
The fluid is directed to flow from the high pressure section to the low pressure section due to the pressure difference between the two ends of a pipeline. Back pressure is a resistance to directed flow, it means, applying opposite force in directed fluid flow through pipes. If we want to sample the back pressure, it is that the height of 5 meters of water in the pipe causes a back pressure of 0.5 Bar. In this example, the stopper must have a back pressure of 0.5 Bar to block the pipe.



INFLATABLE PIPE TEST PLUGS

Inflatable Pipe Test Plugs are;

- Designed for testing and locating leaks of sewers, drainage systems, pipelines and gullies.
- Mainly used for testing with air or water.
- Using to tests of sewers, drainage systems, pipelines and gullies, they could be tested with Standard EN 1610:2015.
- Adequate and suitable for testing these pipes in accordance with this standard.
- Mainly used in sewers, pipelines, drainage systems, gutters to divert the flow to the different side through the bypass on them during maintenance or repair.
- Made of high-quality special NR/SBR rubber reinforced with kevlar tire (lighter, tougher, and more puncture-resistant) cording. This material can be changed with NBR, CR, EPDM materials according to customer and application requirement.
- Available for pipe diameters from 35 mm (1,37") to 4200 mm (165,35").
- Specified as standard working pressures 1,5 Bar (21,75 psi) and 2,5 Bar (36,25 psi). In addition to this Inflatable Pipe Test Plugs have higher working pressures can be produced.
- Called as Pneumatic Pipe Test Plugs, because of their inflatable specifications, in addition to above Inflatable/Working Pressures, they have also higher working pressures, too like 6,0 Bar (87,02 psi) and 12,0 Bar (174,04 psi), they are named as PLUGLINE Inflatable High Pressure Pipe Test Plugs.
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F).
- Providing high resistance to chemicals.



INFLATABLE PIPE TEST PLUGS

INFLATABLE PIPE TEST PLUGS (1,5 BAR/21,75 PSI) / BACK PRESSURE (0,5 BAR/7,25 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
ITP50100A/1,5	50-100	50mm/1,96"	100mm/3,93"	1,5bar/21,75psi	45mm/1,77"	330mm/12,99"	6,35mm/1/4"	1,0kg/2,20lbs
ITP50100B/1,5	50-100	50mm/1,96"	100mm/3,93"	1,5bar/21,75psi	45mm/1,77"	330mm/12,99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
ITP70150A/1,5	70-150	70mm/2,75"	150mm/5,90"	1,5bar/21,75psi	64mm/2,51"	400mm/15,74"	12,70mm/1/2"	1,2kg/2,64lbs
ITP70150B/1,5	70-150	70mm/2,75"	150mm/5,90"	1,5bar/21,75psi	64mm/2,51"	400mm/15,74"	2x6,35mm/2x1/4"	1,3kg/2,86lbs
ITP100200A/1,5	100-200	100mm/3,93"	200mm/7,87"	1,5bar/21,75psi	88mm/3,46"	500mm/19,68"	25,40mm/1"	1,8kg/3,86lbs
ITP100200B/1,5	100-200	100mm/3,93"	200mm/7,87"	1,5bar/21,75psi	88mm/3,46"	500mm/19,68"	2x12,70mm/2x1/2"	1,9kg/4,18lbs
ITP150300A/1,5	150-300	150mm/5,90"	300mm/11,81"	1,5bar/21,75psi	138mm/5,43"	580mm/22,83"	25,40mm/1"	4,0kg/8,81lbs
ITP150300B/1,5	150-300	150mm/5,90"	300mm/11,81"	1,5bar/21,75psi	138mm/5,43"	580mm/22,83"	2x12,70mm/2x1/2"	4,2kg/9,25lbs
ITP200400A/1,5	200-400	200mm/7,87"	400mm/15,74"	1,5bar/21,75psi	185mm/7,28"	680mm/26,77"	50,80mm/2"	7,2kg/15,87lbs
ITP200400B/1,5	200-400	200mm/7,87"	400mm/15,74"	1,5bar/21,75psi	185mm/7,28"	680mm/26,77"	2x25,40mm/2x1"	7,4kg/16,31lbs
ITP200500A/1,5	200-500	200mm/7,87"	500mm/19,68"	1,5bar/21,75psi	185mm/7,28"	820mm/32,28"	50,80mm/2"	8,0kg/17,63lbs
ITP200500B/1,5	200-500	200mm/7,87"	500mm/19,68"	1,5bar/21,75psi	185mm/7,28"	820mm/32,28"	2x25,40mm/2x1"	9,0kg/19,84lbs
ITP300600A/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	50,80mm/2"	11,0kg/24,25lbs
ITP300600B/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	2x50,80mm/2x2"	11,7kg/25,79lbs
ITP300600C/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	76,20mm/3"	11,0kg/24,25lbs
ITP375750A/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	50,80mm/2"	18,0kg/39,68lbs
ITP375750B/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	2x50,80mm/2x2"	20,0kg/44,09lbs
ITP375750C/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	76,20mm/3"	21,0kg/46,30lbs
ITP5001000A/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	50,80mm/2"	27,0kg/59,52lbs
ITP5001000B/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	2x50,80mm/2x2"	28,0kg/61,72lbs
ITP5001000C/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	101,60mm/4"	32,0kg/70,55lbs
ITP5001200A/1,5	500-1200	500mm/19,68"	1200mm/47,24"	1,5bar/21,75psi	480mm/18,89"	1400mm/55,11"	101,60mm/4"	41,0kg/90,39lbs
ITP6001200A/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	50,80mm/2"	35,0kg/77,16lbs
ITP6001200B/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	2x50,80mm/2x2"	36,0kg/79,36lbs
ITP6001200C/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	101,60mm/4"	36,0kg/79,36lbs
ITP8001600A/1,5	800-1600	800mm/31,49"	1600mm/62,99"	1,5bar/21,75psi	780mm/30,70"	2000mm/78,74"	50,80mm/2"	45,0kg/99,20lbs
ITP8001600B/1,5	800-1600	800mm/31,49"	1600mm/62,99"	1,5bar/21,75psi	780mm/30,70"	2000mm/78,74"	2x50,80mm/2x2"	48,0kg/105,82lbs
ITP8002000A/1,5	800-2000	800mm / 31.5"	2000mm / 78.74"	1,5bar/21,75psi	780mm / 30.71"	2400mm / 94.49"	50,80mm/2"	230,0kg/507,06lbs
ITP8002000B/1,5	800-2000	800mm / 31.5"	2000mm / 78.74"	1,5bar/21,75psi	780mm / 30.71"	2400mm / 94.49"	2x50,80mm/2x2"	200,0kg/440,94lbs
ITP12002400A/1,5	1200-2400	1200mm / 47.24"	2400mm / 94.49"	1,5bar/21,75psi	1180mm / 46.46"	2500mm / 98.43"	50,80mm/2"	200,0kg/440,94lbs
ITP12002400B/1,5	1200-2400	1200mm / 47.24"	2400mm / 94.49"	1,5bar/21,75psi	1180mm / 46.46"	2500mm / 98.43"	2x50,80mm/2x2"	250,0kg/551,15lbs
ITP12002800A/1,5	1200-2800	1200mm / 47.24"	2800mm / 110.24"	1,5bar/21,75psi	1180mm / 46.46"	2500mm / 98.43"	50,80mm/2"	250,0kg/551,15lbs
ITP12002800B/1,5	1200-2800	1200mm / 47.24"	2800mm / 110.24"	1,5bar/21,75psi	1180mm / 46.46"	2500mm / 98.43"	2x50,80mm/2x2"	70kg / 154.32lbs
ITP14002800A/1,5	1400-2800	1400mm/55,11"	2800mm/110,23"	1,5bar/21,75psi	1300mm/51,18"	3600mm/141,73"	101,60mm/4"	70kg / 154.32lbs
ITP18003600A/1,5	1800-3600	1800mm / 70.87"	3600mm/141,73"	1,5bar/21,75psi	1780mm/70,07"	4000mm/157,48"	101,60mm/4"	120kg / 264.55lbs
ITP18003600B/1,5	1800-3600	1800mm / 70.87"	3600mm/141,73"	1,5bar/21,75psi	1780mm/70,07"	4000mm/157,48"	2x101,60mm/2x4"	120kg / 264.55lbs
ITP18004200A/1,5	1800-4200	1800mm / 70.87"	4200mm/165,35"	1,5bar/21,75psi	1780mm/70,07"	6000mm/236,22"	101,60mm/4"	160kg / 352.74lbs
ITP18004200B/1,5	1800-4200	1800mm / 70.87"	4200mm/165,35"	1,5bar/21,75psi	1780mm/70,07"	6000mm/236,22"	2x101,60mm/2x4"	160kg / 352.74lbs

MULTI SIZE METAL CORE BYPASS STOPPERS



Multi Size Metal Core Bypass Stoppers are;

- Mainly used in situations where abundant water flow is required.
- Produced with the reinforced rubber covers the bypass steel, bypass steel is made of stainless steel.
- Mainly used in sewers, pipelines, drainage systems, gutters to divert the flow to the different direction through the bypass on them during maintenance or repair.
- Used for bypass purposes, there are large diameter bypasses on them.
- Available as standard product line ranges from 100mm up to 1200mm diameter, larger sizes should be available upon request.
- Available as standard product by-pass diameter, it is possible to produce multi size pipe stopper with large bypass and metal core upon request

MULTI SIZE METAL CORE BYPASS STOPPERS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Product Total Length (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
MMBS100200	100 - 200	100mm/3.94"	200mm/7.87"	1,5bar/21,75psi	92mm/3.62"	400mm/15.75"	50,80mm/2"	4,5kg / 9.92lbs
MMBS200500	200 - 500	200mm/7.87"	500mm/19.69"	1,5bar/21,75psi	190mm/7.48"	680mm/26.77"	101,60mm/4"	11,7kg / 25.79lbs
MMBS300600	300 - 600	300mm/11.81"	600mm/23.62"	1,5bar/21,75psi	280mm/11.02"	680mm/26.77"	101,60mm/4"	22kg / 48.5lbs
MMBS300750	300 - 750	300mm/11.81"	750mm/29.53"	1,5bar/21,75psi	280mm/11.02"	750mm/29.53"	101,60mm/4"	30kg / 66.14lbs
MMBS500800	500 - 800	500mm/19.69"	800mm/31.5"	1,5bar/21,75psi	440mm/17.32"	680mm/26.77"	152,40mm/6"	38kg / 83.78lbs
MMBS5001200	500 - 1200	500mm/19.69"	1200mm/47.24"	1,5bar/21,75psi	440mm/17.32"	930mm/36.61"	203.20mm/8"	50kg / 110.23lbs

MULTI SIZE METAL CORE PIPE TEST PLUGS

Multi Size Metal Core Pipe Test Plugs are;

- Kind of inflatable pipe test plugs, as a difference they have metal core inside.
- Used for repairing and testing of sewage pipes without stopping its normal flow.
- Mainly used in sewers, pipelines, drainage systems, gutters to divert the flow to the different direction through the bypass on them during maintenance or repair.
- Used for bypass purposes, there are large diameter bypasses on them.
- Made of reinforced rubber that wraps around the bypass
- Being produced between 70mm to 1200mm diameter.



MULTI SIZE METAL CORE PIPE TEST PLUGS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Product Total Length (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
MMTP70150	70-150	70mm / 2.76"	150mm / 5.91"	1,5bar/21,75psi	68mm / 2.68"	400mm / 15.75"	25,40mm/1"	2,5kg / 5.51lbs
MMTP100150	100-150	100mm / 3.94"	150mm / 5.91"	1,5bar/21,75psi	85mm / 3.35"	260mm / 10.24"	50,80mm/2"	2,5kg / 5.51lbs
MMTP100200	100-200	100mm / 3.94"	200mm / 7.87"	1,5bar/21,75psi	92mm / 3.62"	400mm / 15.75"	25,40mm/1"	4,5kg / 9.92lbs
MMTP125200	125-200	125mm / 4.92"	200mm / 7.87"	1,5bar/21,75psi	115mm / 4.53"	270mm / 10.63"	50,80mm/2"	4,5kg / 9.92lbs
MMTP200500	200 - 500	200mm / 7.87"	500mm / 19.69"	1,5bar/21,75psi	190mm / 7.48"	680mm / 26.77"	25,40mm/1" + 50,80mm/2"	11,7kg / 25.79lbs
MMTP300600	300-600	300mm / 11.81"	600mm / 23.62"	1,5bar/21,75psi	270mm / 10.63"	680mm / 26.77"	25,40mm/1" + 50,80mm/2"	20kg / 44.09lbs
MMTP300750	300 -750	300mm / 11.81"	750mm / 29.53"	1,5bar/21,75psi	270mm / 10.63"	750mm / 29.53"	25,40mm/1" + 50,80mm/2"	30kg / 66.14lbs
MMTP500800	500 -800	500mm / 19.69"	800mm / 31.5"	1,5bar/21,75psi	440mm / 17.32"	680mm / 26.77"	2 X 1" + 4"	38kg / 83.78lbs
MMTP5001200	500 -1200	500mm / 19.69"	1200mm / 47.24"	1,5bar/21,75psi	440mm / 17.32"	980mm / 38.58"	2 X 1" + 4"	50kg / 110.23lbs

INFLATABLE SMALL PIPE STOPPERS



Inflatable Small Pipe Stoppers are;

- Named due to their length, these pipe stoppers are mainly used for sealing sewer connections especially suitable for sealing of house connections.
- Made of top-quality rubber and their metal parts are made of metal items for anticorrosion.
- Available as standard product line ranges from 50mm up to 400mm diameter, larger sizes should be available upon request.
- Designed with an eyebolt to handle simplify manipulation of the plug.
- Lightweight, most sizes can be installed by one man.
- Supplied to order for Petrochemical industry as Chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) material.

INFLATABLE SMALL PIPE STOPPERS (2,5bar/36,25psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
ISPS20	20	20mm / 0.79"	21mm / 0.83"	2,5bar/36,25psi	19mm / 0.75"	25mm / 0.98"	0,1kg / 0.22lbs
ISPS25	25	24mm / 0.94"	25mm / 0.98"	2,5bar/36,25psi	23mm / 0.91"	25mm / 0.98"	0,1kg / 0.22lbs
ISPS30	30	30mm / 1.18"	32mm / 1.26"	2,5bar/36,25psi	29mm / 1.14"	30mm / 1.18"	0,14kg / 0.31lbs
ISPS40	40	38mm / 1.5"	42mm / 1.65"	2,5bar/36,25psi	37mm / 1.46"	40mm / 1.57"	0,15kg / 0.33lbs
ISPS50	50	48mm / 1.89"	54mm / 2.13"	2,5bar/36,25psi	45mm / 1.77"	75mm / 2.95"	0,25kg / 0.55lbs
ISPS60	60	59mm / 2.32"	65mm / 2.56"	2,5bar/36,25psi	58mm / 2.28"	90mm / 3.54"	0,35kg / 0.77lbs
ISPS75	75	72mm / 2.83"	78mm / 3.07"	2,5bar/36,25psi	69mm / 2.72"	110mm / 4.33"	0,45kg / 0.99lbs
ISPS100	100	90mm / 3.54"	105mm / 4.13"	2,5bar/36,25psi	88mm / 3.46"	150mm / 5.91"	0,6kg / 1.32lbs
ISPS150	150	150mm / 5.91"	150mm / 5.91"	2,5bar/36,25psi	90mm / 3.54"	150mm / 5.91"	1,5kg / 3.31lbs
ISPS200	200	200mm / 7.87"	200mm / 7.87"	2,5bar/36,25psi	138mm / 5.43"	200mm / 7.87"	2kg / 4.41lbs
ISPS250	250	250mm / 9.84"	250mm / 9.84"	2,5bar/36,25psi	180mm / 7.09"	250mm / 9.84"	2,5kg / 5.51lbs
ISPS300	300	300mm / 11.81"	300mm / 11.81"	2,5bar/36,25psi	225mm / 8.86"	300mm / 11.81"	3,5kg / 7.72lbs
ISPS350	350	350mm/13,77"	350mm/13,77"	2,5bar/36,25psi	225mm / 8.86"	300mm / 11.81"	3,7kg / 8.16lbs
ISPS400	400	400mm / 15.75"	400mm / 15.75"	2,5bar/36,25psi	380mm / 14.96"	450mm / 17.72"	4,4kg / 9.7lbs
ISPS450	450	450mm / 17.72"	450mm / 17.72"	2,5bar/36,25psi	380mm / 14.96"	450mm / 17.72"	4,2kg / 9.26lbs
ISPS500	500	500mm / 19.69"	500mm / 19.69"	2,5bar/36,25psi	485mm / 19.09"	450mm / 17.72"	5,5kg / 12.13lbs
ISPS600	600	600mm / 23.62"	600mm / 23.62"	2,5bar/36,25psi	585mm / 23.03"	450mm / 17.72"	6,5kg / 14.33lbs
ISPS750	750	750mm / 29.53"	750mm / 29.53"	2,5bar/36,25psi	585mm / 23.03"	600mm / 23.62"	7,5kg / 16.53lbs
ISPS800	800	800mm / 31.5"	800mm / 31.5"	2,5bar/36,25psi	780mm / 30.71"	800mm / 31.5"	30,0kg / 66.14lbs
ISPS2030	20-30	20mm / 0.79"	30mm / 1.18"	2,5bar/36,25psi	18mm / 0.71"	100mm / 3.94"	0,12kg / 0.26lbs
ISPS3040	30-40	30mm / 1.18"	40mm / 1.57"	2,5bar/36,25psi	29mm / 1.14"	100mm / 3.94"	0,16kg / 0.35lbs
ISPS3050	30-50	30mm / 1.18"	50mm / 1.97"	2,5bar/36,25psi	29mm / 1.14"	100mm / 3.94"	0,18kg / 0.4lbs
ISPS4050	40-50	40mm / 1.57"	50mm / 1.97"	2,5bar/36,25psi	38mm / 1.5"	100mm / 3.94"	0,18kg / 0.4lbs
ISPS5075	50-75	50mm / 1.97"	75mm / 2.95"	2,5bar/36,25psi	45mm / 1.77"	100mm / 3.94"	0,3kg / 0.66lbs
ISPS70100	70-100	70mm / 2.76"	100mm / 3.94"	2,5bar/36,25psi	65mm / 2.56"	100mm / 3.94"	0,4kg / 0.88lbs
ISPS100150	100-150	90mm / 3.54"	155mm / 6.1"	2,5bar/36,25psi	88mm / 3.46"	150mm / 5.91"	0,75kg / 1.65lbs
ISPS150200	150-200	150mm / 5.91"	200mm / 7.87"	2,5bar/36,25psi	138mm / 5.43"	200mm / 7.87"	1,1kg / 2.43lbs
ISPS200250	200-250	200mm / 7.87"	250mm / 9.84"	2,5bar/36,25psi	180mm / 7.09"	250mm / 9.84"	1,6kg / 3.53lbs
ISPS250300	250-300	250mm / 9.84"	300mm / 11.81"	2,5bar/36,25psi	225mm / 8.86"	300mm / 11.81"	2,2kg / 4.85lbs
ISPS300350	300-350	300mm / 11.81"	350mm / 13.78"	2,5bar/36,25psi	380mm / 14.96"	300mm / 11.81"	3,5kg / 7.72lbs
ISPS400450	400-450	400mm / 15.75"	450mm / 17.72"	2,5bar/36,25psi	380mm / 14.96"	450mm / 17.72"	4,2kg / 9.26lbs
ISPS500550	500-550	500mm / 19.69"	550mm / 21.65"	2,5bar/36,25psi	480mm / 18.9"	450mm / 17.72"	5,4kg / 11.9lbs
ISPS600650	600-650	600mm / 23.62"	650mm / 25.59"	2,5bar/36,25psi	580mm / 22.83"	450mm / 17.72"	6,5kg / 14.33lbs
ISPS600750	600-750	600mm / 23.62"	750mm / 29.53"	2,5bar/36,25psi	580mm / 22.83"	600mm / 23.62"	7,5kg / 16.53lbs
ISPS8001000	800-1000	800mm / 31.5"	1000mm / 39.37"	2,5bar/36,25psi	780mm / 30.71"	800mm / 31.5"	35,0kg / 77.16lbs

INFLATABLE SMALL PIPE TEST PLUGS



Inflatable Small Pipe Test Plugs are;

- Used for leak tests by air or water
- Lightweight, most sizes can be installed by one man and with an eyebolt to handle simplify manipulation of the plug
- Made with high quality rubber and metal items for anticorrosion
- Being produced larger sizes other than listed diameters and they can be produced with larger back pressure values upon request.
- Being produced for use at Petrochemical industry as Chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) Material, upon request.

INFLATABLE SMALL PIPE TEST PLUGS (2,5bar/36,25psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working 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"	32mm / 1.26"	2,5bar/36,25psi	29mm / 1.14"	30mm / 1.18"	3,17mm/1/8"	0,14kg / 0.31lbs
ISTP40	40	38mm / 1.5"	42mm / 1.65"	2,5bar/36,25psi	37mm / 1.46"	40mm / 1.57"	3,17mm/1/8"	0,15kg / 0.33lbs
ISTP50	50	48mm / 1.89"	54mm / 2.13"	2,5bar/36,25psi	45mm / 1.77"	50mm / 1.97"	3,17mm/1/8"	0,25kg / 0.55lbs
ISTP60	60	59mm / 2.32"	65mm / 2.56"	2,5bar/36,25psi	58mm / 2.28"	90mm / 3.54"	12,70mm/1/2"	0,35kg / 0.77lbs
ISTP75	75	72mm / 2.83"	78mm / 3.07"	2,5bar/36,25psi	69mm / 2.72"	110mm / 4.33"	12,70mm/1/2"	0,45kg / 0.99lbs
ISTP100	100	90mm / 3.54"	105mm / 4.13"	2,5bar/36,25psi	88mm / 3.46"	150mm / 5.91"	12,70mm/1/2"	0,6kg / 1.32lbs
ISTP150	150	150mm / 5.91"	150mm / 5.91"	2,5bar/36,25psi	138mm / 5.43"	150mm / 5.91"	50,80mm/2"	1,5kg / 3.31lbs
ISTP200	200	200mm / 7.87"	200mm / 7.87"	2,5bar/36,25psi	180mm / 7.09"	200mm / 7.87"	50,80mm/2"	2kg / 4.41lbs
ISTP250	250	250mm / 9.84"	250mm / 9.84"	2,5bar/36,25psi	225mm / 8.86"	250mm / 9.84"	50,80mm/2"	2,5kg / 5.51lbs
ISTP300	300	300mm / 11.81"	300mm / 11.81"	2,5bar/36,25psi	285mm / 11.22"	300mm / 11.81"	50,80mm/2"	3,5kg / 7.72lbs
ISTP350	350	350mm / 13.77"	350mm / 13.77"	2,5bar/36,25psi	225mm / 8.86"	300mm / 11.81"	50,80mm/2"	3,7kg/8,16lbs
ISTP400	400	400mm / 15.75"	400mm / 15.75"	2,5bar/36,25psi	380mm / 14.96"	450mm / 17.72"	50,80mm/2"	4,4kg / 9.7lbs
ISTP500	500	500mm / 19.69"	500mm / 19.69"	2,5bar/36,25psi	480mm / 18.9"	450mm / 17.72"	50,80mm/2"	5,5kg / 12.13lbs
ISTP600	600	600mm / 23.62"	600mm / 23.62"	2,5bar/36,25psi	580mm / 22.83"	450mm / 17.72"	50,80mm/2"	6,5kg / 14.33lbs
ISTP800	800	800mm / 31.5"	800mm / 31.5"	2,5bar/36,25psi	780mm / 30.71"	800mm / 31.5"	50,80mm/2"	30,0kg / 66.14lbs
STP3040	30-40	30mm / 1.18"	40mm / 1.57"	2,5bar/36,25psi	29mm / 1.14"	100mm / 3.94"	3,17mm/1/8"	0,5kg / 1.1lbs
ISTP5075	50-75	48mm / 1.89"	75mm / 2.95"	2,5bar/36,25psi	48mm / 1.89"	100mm / 3.94"	12,70mm/1/2"	0,75kg / 1.65lbs
ISTP70100	70-100	88mm / 3.46"	105mm / 4.13"	2,5bar/36,25psi	88mm / 3.46"	150mm / 5.91"	25,40mm/1"	2,5kg / 5.51lbs
ISTP100150	100-150	90mm / 3.54"	150mm / 5.91"	2,5bar/36,25psi	88mm / 3.46"	150mm / 5.91"	12,70mm/1/2"	0,75kg / 1.65lbs
ISTP150200	150-200	150mm / 5.91"	200mm / 7.87"	2,5bar/36,25psi	138mm / 5.43"	200mm / 7.87"	50,80mm/2"	2,5kg / 5.51lbs
ISTP200250	200-250	200mm / 7.87"	250mm / 9.84"	2,5bar/36,25psi	180mm / 7.09"	250mm / 9.84"	50,80mm/2"	4kg / 8.82lbs
ISTP250300	250-300	250mm / 9.84"	300mm / 11.81"	2,5bar/36,25psi	225mm / 8.86"	300mm / 11.81"	50,80mm/2"	6kg / 13.23lbs
ISTP300350	300-350	300mm / 11.81"	350mm / 13.78"	2,5bar/36,25psi	285mm / 11.22"	300mm / 11.81"	50,80mm/2"	8,5kg / 18.74lbs
ISTP400450	400-450	400mm / 15.75"	450mm / 17.72"	2,5bar/36,25psi	380mm / 14.96"	450mm / 17.72"	50,80mm/2"	4,2kg / 9.26lbs
ISTP500550	500-550	500mm / 19.69"	550mm / 21.65"	2,5bar/36,25psi	480mm / 18.9"	450mm / 17.72"	50,80mm/2"	5,4kg / 11.9lbs
ISTP600650	600-650	600mm / 23.62"	650mm / 25.59"	2,5bar/36,25psi	480mm / 18.9"	450mm / 17.72"	50,80mm/2"	6,5kg / 14.33lbs
ISTP8001000	800-1000	800mm / 31.5"	1000mm / 39.37"	2,5bar/36,25psi	780mm / 30.71"	800mm / 31.5"	50,80mm/2"	35,0kg / 77.16lbs

INFLATABLE MEDIUM SIZE PIPE STOPPERS



Inflatable Medium Size Pipe Stoppers are;

- Named due to their length, these pipe stoppers are mainly used for sealing sewer connections especially suitable for sealing of house connections.
- Their lengths are between inflatable pipe stoppers and short pipe stoppers lengths.
- Made of top-quality rubber and their metal parts are made of metal items for anticorrosion.
- Available as standard product line ranges from 50mm up to 400mm diameter, larger sizes should be available upon request.
- Designed with an eyebolt to handle simplify manipulation of the plug.
- Lightweight, most sizes can be installed by one man.
- Supplied to order for Petrochemical industry as Chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) material.

INFLATABLE MEDIUM PIPE TEST PLUGS



Inflatable Medium Pipe Test Plugs are;

- Used for leak tests by air or water.
- Used for the same purpose and places with the short test plugs, they have the same features with them only difference is their length.
- Lightweight, most sizes can be installed by one man and with an eyebolt to handle simplify manipulation of the plug.
- Made with high quality rubber and metal items for anticorrosion
- Being produced larger sizes other than listed diameters and they can be produced with larger back pressure values upon request.
- Being produced for use at Petrochemical industry as Chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) Material, upon request.

INFLATABLE MEDIUM SIZE PIPE STOPPERS (2,5bar/36,25psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Rubber Length of Product (mm/inch)	Product Weight (kg/lbs)
IMPS50100	50-100	45mm / 1.77"	100mm / 3.94"	2,5bar/36,25psi	45mm / 1.77"	150mm / 5.91"	0,3kg / 0.66lbs
IMPS70150	70-150	70mm / 2.76"	150mm / 5.91"	2,5bar/36,25psi	65mm / 2.56"	200mm / 7.87"	0,4kg / 0.88lbs
IMPS100200	100-200	100mm / 3.94"	200mm / 7.87"	2,5bar/36,25psi	88mm / 3.46"	200mm / 7.87"	1kg / 2.2lbs
IMPS150300	150-300	150mm / 5.91"	300mm / 11.81"	2,5bar/36,25psi	140mm / 5.51"	300mm / 11.81"	1,6kg / 3.53lbs
IMPS200400	200-400	200mm / 7.87"	400mm / 15.75"	2,5bar/36,25psi	180mm / 7.09"	400mm / 15.75"	2,4kg / 5.29lbs

INFLATABLE MEDIUM SIZE PIPE TEST PLUGS (2,5bar/36,25psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Rubber Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
IMTP50100	50-100	45mm / 1.77"	100mm / 3.94"	2,5bar/36,25psi	45mm / 1.77"	150mm / 5.91"	3,17mm/1/8"	1,0kg / 2.2lbs
IMTP70150	70-150	70mm / 2.76"	150mm / 5.91"	2,5bar/36,25psi	65mm / 2.56"	200mm / 7.87"	6,35mm/1/4"	1,2kg / 2.65lbs
IMTP100200	100-200	100mm / 3.94"	200mm / 7.87"	2,5bar/36,25psi	88mm / 3.46"	200mm / 7.87"	12,70mm/1/2"	1,2kg / 2.65lbs
IMTP150300	150-300	150mm / 5.91"	300mm / 11.81"	2,5bar/36,25psi	140mm / 5.51"	300mm / 11.81"	25,40mm/1"	2kg / 4.41lbs
IMTP200400	200-400	200mm / 7.87"	400mm / 15.75"	2,5bar/36,25psi	180mm / 7.09"	400mm / 15.75"	50,80mm/2"	5kg / 11.02lbs

INFLATABLE PIPE STOPPERS WITH CONICAL END



Inflatable Pipe Stoppers With Conical End are;

- Kind of Inflatable Pipe Stoppers, only difference is that both ends are not flat like them, but both ends are produced in Conical Shape
- Designed for sealing sewers, canals blocking, drainage systems, pipelines and gullies.
- Due to its design, it can be easily guided in pipelines and gullies.
- They take up little space in storage and during the transport.
- Their compact design permits insertion even into narrow manholes.
- Mainly used for technical support, repairing sewers/pipelines/drainage systems/gullies, fixing accidental issues, technical support, leak locating and testing with air or water.
- Made of high-quality special NR/SBR rubber reinforced with Kevlar tire cording. These materials can be changed with NBR, CR, EPDM materials according to customer and application requirement.
- Available for pipe diameters from 50 mm (1,96") to 1200 mm (47,24").
- Standard working pressures of PLUGLINE inflatable Pipe Stoppers with Conical End are specified as 1,5 Bar (21,75 psi)
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F)
- Providing have high resistance to chemicals.

INFLATABLE PIPE TEST PLUGS WITH CONICAL END



Inflatable Pipe Test Plugs With Conical End are;

- Kind of Inflatable Pipe Test Plugs, only difference is that both ends are not flat like them, but both ends are produced in Conical Shape
- Stored and/or transported in little space
- Designed as compact that permits insertion even into narrow manholes.
- Designed for testing and locating leaks of sewers, drainage systems, pipelines and gullies.
- Due to its design, it can be easily guided in pipelines and gullies.
- Mainly used for testing with air or water.
- Used tests of drains and sewers could be tested with Standard EN 1610:2015
- Suitable for applying Standard EN 1610:2015 test
- Made of high-quality special NR/SBR rubber reinforced with kevlar tire (lighter, tougher, and more punctureresistant) cording. These materials can be changed with NBR, CR, EPDM materials according to customer and application requirement.
- Available for pipe diameters from 50 mm (1,96") to 1200 mm (47,24").
- Standard working pressures of PLUGLINE inflatable Pipe Test Plugs with Conical Shaped End are specified as 1,5 Bar(21,75 psi)
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F)
- Providing have high resistance to chemicals.

INFLATABLE PIPE STOPPERS WITH CONICAL END(1,5bar/21,75psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Diameter for insertion (mm)	Product Weight (kg/lbs)
IPSC50100	50-100	45mm / 1.77"	100mm / 3.94"	1,5bar/21,75psi	45mm / 1.77"	430mm / 16.93"	35mm / 1.38"	0,4kg / 0.88lbs
IPSC70150	70-150	70mm / 2.76"	150mm / 5.91"	1,5bar/21,75psi	64mm / 2.52"	470mm / 18.5"	45mm / 1.77"	0,6kg / 1.32lbs
IPSC100200	100-200	100mm / 3.94"	200mm / 7.87"	1,5bar/21,75psi	88mm / 3.46"	650mm / 25.59"	60mm / 2.36"	1,0kg / 2.2lbs
IPSC150300	150-300	150mm / 5.91"	300mm / 11.81"	1,5bar/21,75psi	138mm / 5.43"	750mm / 29.53"	90mm / 3.54"	1,2kg / 2.65lbs
IPSC200400	200-400	200mm / 7.87"	400mm / 15.75"	1,5bar/21,75psi	185mm / 7.28"	650mm / 25.59"	120mm / 4.72"	3,4kg / 7.5lbs
IPSC300600	300-600	300mm / 11.81"	600mm / 23.62"	1,5bar/21,75psi	285mm / 11.22"	1050mm / 41.34"	180mm / 7.09"	6,6kg / 14.55lbs
IPSC375750	375-750	375mm / 14.76"	750mm / 29.53"	1,5bar/21,75psi	360mm / 14.17"	1300mm / 51.18"	230mm / 9.06"	9,4kg / 20.72lbs
IPSC5001000	500-1000	500mm / 19.69"	1000mm / 39.37"	1,5bar/21,75psi	485mm / 19.09"	1350mm / 53.15"	300mm / 11.81"	21,3kg / 46.96lbs
IPSC6001200	600-1200	600mm / 23.62"	1200mm / 47.24"	1,5bar/21,75psi	585mm / 23.03"	1600mm / 62.99"	400mm / 15.75"	25,5kg / 56.22lbs

INFLATABLE PIPE TEST PLUGS WITH CONICAL END (1,5bar/21,75psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Diameter for insertion (mm)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
ITPC50100	50-100	45mm / 1.77"	100mm / 3.94"	1,5bar/21,75psi	45mm / 1.77"	430mm / 16.93"	35mm / 1.38"	6,35mm / 1/4"	0,4kg / 0.88lbs
ITPC70150	70-150	70mm / 2.76"	150mm / 5.91"	1,5bar/21,75psi	64mm / 2.52"	470mm / 18.5"	45mm / 1.77"	12,70mm / 1/2"	0,6kg / 1.32lbs
ITPC100200	100-200	100mm / 3.94"	200mm / 7.87"	1,5bar/21,75psi	88mm / 3.46"	650mm / 25.59"	60mm / 2.36"	25,40mm / 1"	1,0kg / 2.2lbs
ITPC150300	150-300	150mm / 5.91"	300mm / 11.81"	1,5bar/21,75psi	138mm / 5.43"	750mm / 29.53"	90mm / 3.54"	50,80mm / 2"	1,2kg / 2.65lbs
ITPC200400	200-400	200mm / 7.87"	400mm / 15.75"	1,5bar/21,75psi	185mm / 7.28"	650mm / 25.59"	120mm / 4.72"	50,80mm / 2"	3,4kg / 7.5lbs
ITPC300600	300-600	300mm / 11.81"	600mm / 23.62"	1,5bar/21,75psi	285mm / 11.22"	1050mm / 41.34"	180mm / 7.09"	50,80mm / 2"	6,6kg / 14.55lbs
ITPC375750	375-750	375mm / 14.76"	750mm / 29.53"	1,5bar/21,75psi	360mm / 14.17"	1300mm / 51.18"	230mm / 9.06"	50,80mm / 2"	9,4kg / 20.72lbs
ITPC5001000	500-1000	500mm / 19.69"	1000mm / 39.37"	1,5bar/21,75psi	485mm / 19.09"	1350mm / 53.15"	300mm / 11.81"	50,80mm / 2"	21,3kg / 46.96lbs
ITPC6001200	600-1200	600mm / 23.62"	1200mm / 47.24"	1,5bar/21,75psi	585mm / 23.03"	1600mm / 62.99"	400mm / 15.75"	50,80mm / 2"	25,5kg / 56.22lbs



PLUGLINE

**INFLATABLE
HIGH PRESSURE
PIPE STOPPERS**

**INFLATABLE
HIGH PRESSURE
PIPE TEST PLUGS**

INFLATABLE HIGH PRESSURE PIPE STOPPERS

Inflatable High Pressure Pipe Stoppers are;

- Designed for sealing and blocking sewers, drainage systems, pipelines and gullies which the back pressure exceeds the range of standard stoppers.
- Made of high-quality special rubber reinforced covering in aramid from the top to the bottom.
- Equipped with quick-connect couplings and nipples.
- Guaranteed the safe operation and reliability on the high-pressure blocking applications.
- Equipped with eyelets bolts to be moved easily and placement into the pipes.
- Available for pipe diameters from 50 mm (1,96") to 2000 mm (78,74"). If requested more.
- Produced at the working pressures 6,0 Bar (87,02 psi), 12,0 Bar (174,04 psi)
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F).
- Providing have high resistance to circumference affect.



INFLATABLE HIGH PRESSURE PIPE STOPPERS

INFLATABLE HIGH PRESSURE PIPE STOPERS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	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)
IHS5070	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1,77"	280mm/11.02"	0,4kg/0,88lbs
IHS70100	70-100	70mm/2.76"	100mm/3,93"	6,0bar/87,02psi	3,0bar/43,51psi	65mm/2,51"	320mm/12.6"	0,6kg/1,32lbs
IHS100150	100-150	100mm/3,93"	150mm/5,90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IHS150200	150-200	150mm/5,90"	200mm/7,87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IHS200300	200-300	200mm/7,87"	300mm/11,81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IHS300400	300-400	300mm/11,81"	400mm/15,74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS375500	375-500	375mm/14,76"	500mm/19,68"	6,0bar/87,02psi	3,0bar/43,51psi	380mm/14,96"	1000mm/39,37"	9,4kg/20,72lbs
IHS500600	500-600	500mm/19,68"	600mm/23,62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
IHS600700	600-700	600mm/23,62"	700mm/27,55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS8001000	800-1000	800mm/31,49"	1000mm/39,37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs

INFLATABLE HIGH PRESSURE PIPE STOPERS 12,0 BAR/174,04 PSI

Product Code	Nominal Size	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)
IHS50	50	50mm/1.97	50mm/1.97	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	280mm/11.02"	0,4kg/0,88lbs
IHS70	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	65mm/2,51"	320mm/12.6"	0,6kg/1,32lbs
IHS100	100	100mm/3,93"	100mm/3,93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IHS125	125	125mm/4,92"	125mm/4,92"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
IHS150	150	150mm/5,90"	150mm/5,90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
IHS200	200	200mm/7,87"	200mm/7,87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IHS250	250	250mm/9,84"	250mm/9,84"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
IHS300	300	300mm/11,81"	300mm/11,81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS350	350	350mm/13,78"	350mm/13,78"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
IHS375	375	375mm/14,76"	375mm/14,76"	12,0bar/174,04psi	6,0bar/87,02psi	380mm/14,96"	1000mm/39,37"	9,4kg/20,72lbs
IHS400	400	400mm/15,74"	400mm/15,74"	12,0bar/174,04psi	6,0bar/87,02psi	360mm/14,17"	1000mm/39,37"	10,0kg/22,05lbs
IHS450	450	450mm/17,72"	450mm/17,72"	12,0bar/174,04psi	6,0bar/87,02psi	360mm/14,17"	1000mm/39,37"	10,0kg/22,05lbs
IHS500	500	500mm/19,68"	500mm/19,68"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
IHS600	600	600mm/23,62"	600mm/23,62"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS650	650	650mm/25,59"	650mm/25,59"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS700	700	700mm/27,56"	700mm/27,56"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
IHS800	800	800mm/31,49"	800mm/31,49"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs
IHS2000	2000	2000mm/78,74"	2000mm/78,74"	12bar/174,04psi	6bar/87,02psi	1780mm/70,07"	4000mm/157,48"	190kg/1543,24lbs

INFLATABLE HIGH PRESSURE PIPE TEST PLUGS

Inflatable High Pressure Pipe Test Plugs are;

- Designed for testing sewers, drainage systems, pipelines and gullies which the back pressure exceeds the range of standard pipe test plugs
- Mostly used also during the repair and technical support of High Pressure Pipe Lines to divert the flow via bypass on them
- Made of high-quality special rubber reinforced covering in aramid from the top to the bottom.
- Equipped with quick-connect couplings and nipples.
- Guaranteed the safe operation and reliability on the high-pressure test applications
- Equipped with eyelets bolts to be moved easily and placement into the pipes.
- Available for pipe diameters from 50 mm (1,96") to 1000 mm (39,37"), if requested more
- Produced at the working pressures 6,0 Bar (87,02 psi) and 12,0 Bar (174,04 psi)
- Usable for temperatures from -40 °C (-40 °F) to 70 °C (158 °F)
- Providing have high resistance to circumference affect



INFLATABLE HIGH PRESSURE PIPE TEST PLUGS

INFLATABLE HIGH PRESSURE PIPE TEST PLUGS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	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)
IHTP5070A	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1,77"	330mm/12.99"	6,35mm/1/4"	1,0kg/2,20lbs
IHTP5070B	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1,77"	330mm/12.99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
IHTP70100A	70-100	70mm/2.76"	100mm/3,93"	6,0bar/87,02psi	3,0bar/43,51psi	64mm/2.52"	400mm/15.75"	12,70mm/1/2"	1,2kg/2,64lbs
IHTP70100B	70-100	70mm/2.76"	100mm/3,93"	6,0bar/87,02psi	3,0bar/43,51psi	64mm/2.52"	400mm/15.75"	2x6,35mm/2x1/4"	1,3kg/2,87lbs
IHTP100150A	100-150	100mm/3,93"	150mm/5,90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3.46"	580mm/22.83"	25,40mm/1"	1,8kg/3,97lbs
IHTP100150B	100-150	100mm/3,93"	150mm/5,90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3.46"	580mm/22.83"	2x12,7mm/2x1/2"	1,9kg/4,19lbs
IHTP150200A	150-200	150mm/5,90"	200mm/7,87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5.43"	550mm/21.65"	50,80mm/2"	4kg/8.82lbs
IHTP150200B	150-200	150mm/5,90"	200mm/7,87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5.43"	550mm/21.65"	2x25,40mm/2x1"	4,2kg/9.26lbs
IHTP200300A	200-300	200mm/7,87"	300mm/11,81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7.28"	650mm/25.59"	50,80mm/2"	7.2kg/15.87lbs
IHTP200300B	200-300	200mm/7,87"	300mm/11,81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7.28"	650mm/25.59"	2x25,40mm/2x1"	7.4kg/16.31lbs
IHTP300400A	300-400	300mm/11,81"	400mm/15,74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11.22"	850mm/33.46"	50,80mm/2"	11kg/24.25lbs
IHTP300400B	300-400	300mm/11,81"	400mm/15,74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11.22"	850mm/33.46"	50,8mm+25,4mm/2"+1"	11.7kg/25.79lbs
IHTP375500A	375-500	375mm/14,76"	500mm/19,68"	6,0bar/87,02psi	3,0bar/43,51psi	355mm/13.98"	1000mm/39.37"	50,80mm/2"	18kg/39.68lbs
IHTP375500B	375-500	375mm/14,76"	500mm/19,68"	6,0bar/87,02psi	3,0bar/43,51psi	355mm/13.98"	1000mm/39.37"	2x50,80mm/2x2"	20kg/44.09lbs
IHTP500600A	500-600	500mm/19,68"	600mm/23,62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19.09"	1050mm/41.34"	50,80mm/2"	27kg/59.52lbs
IHTP500600B	500-600	500mm/19,68"	600mm/23,62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19.09"	1050mm/41.34"	2x50,80mm/2x2"	28.8kg/63.49lbs
IHTP600700A	600-700	600mm/23,62"	700mm/27,55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23.03"	1300mm/51.18"	50,80mm/2"	35kg/77.16lbs
IHTP600700B	600-700	600mm/23,62"	700mm/27,55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23.03"	1300mm/51.18"	2x50,80mm/2x2"	36kg/79.37lbs
IHTP8001000A	800-1000	800mm/31,49"	1000mm/39,37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30.91"	1200mm/47.24"	101,60mm/4"	45kg/99.21lbs
IHTP8001000B	800-1000	800mm/31,49"	1000mm/39,37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30.91"	1200mm/47.24"	2x50,80mm/2x2"	50kg/110.23lbs

INFLATABLE HIGH PRESSURE PIPE TEST PLUGS (12,0 BAR/174,04 PSI)

Product Code	Nominal Size	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)
IHTP50A	50	50mm/1.97"	50mm/1.97"	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	330mm/12.99"	6,35mm/1/4"	1,0kg/2,20lbs
IHTP50B	50	50mm/1.97"	50mm/1.97"	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	330mm/12.99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
IHTP70A	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	64mm/2.52"	400mm/15.75"	12,70mm/1/2"	1,2kg/2,64lbs
IHTP70B	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	64mm/2.52"	400mm/15.75"	2x6,35mm/2x1/4"	1,3kg/2,87lbs
IHTP100A	100	100mm/3,93"	100mm/3,93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3.46"	580mm/22.83"	25,40mm/1"	1,8kg/3,97lbs
IHTP100B	100	100mm/3,93"	100mm/3,93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3.46"	580mm/22.83"	2x12,7mm/2x1/2"	1,9kg/4,19lbs
IHTP150A	150	150mm/5,90"	150mm/5,90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5.43"	550mm/21.65"	50,80mm/2"	4kg/8.82lbs
IHTP150B	150	150mm/5,90"	150mm/5,90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5.43"	550mm/21.65"	2x25,40mm/2x1"	4,2kg/9.26lbs
IHTP200A	200	200mm/7,87"	200mm/7,87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7.28"	650mm/25.59"	50,80mm/2"	7.2kg/15.87lbs
IHTP200B	200	200mm/7,87"	200mm/7,87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7.28"	650mm/25.59"	2x25,40mm/2x1"	7.4kg/16.31lbs
IHTP300A	300	300mm/11,81"	300mm/11,81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11.22"	850mm/33.46"	50,80mm/2"	11kg/24.25lbs
IHTP300B	300	300mm/11,81"	300mm/11,81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11.22"	850mm/33.46"	50,8mm+25,4mm/2"+1"	11.7kg/25.79lbs
IHTP375A	375	375mm/14,76"	375mm/14,76"	12,0bar/174,04psi	6,0bar/87,02psi	355mm/13.98"	1000mm/39.37"	50,80mm/2"	18kg/39.68lbs
IHTP375B	375	375mm/14,76"	375mm/14,76"	12,0bar/174,04psi	6,0bar/87,02psi	355mm/13.98"	1000mm/39.37"	2x50,80mm/2x2"	20kg/44.09lbs
IHTP500A	500	500mm/19,68"	500mm/19,68"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19.09"	1050mm/41.34"	50,80mm/2"	27kg/59.52lbs
IHTP500B	500	500mm/19,68"	500mm/19,68"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19.09"	1050mm/41.34"	2x50,80mm/2x2"	28.8kg/63.49lbs
IHTP600A	600	600mm/23,62"	600mm/23,62"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23.03"	1300mm/51.18"	50,80mm/2"	35kg/77.16lbs
IHTP600B	600	600mm/23,62"	600mm/23,62"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23.03"	1300mm/51.18"	2x50,80mm/2x2"	36kg/79.37lbs
IHTP800A	800	800mm/31,49"	800mm/31,49"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30.91"	1200mm/47.24"	101,60mm/4"	45kg/99.21lbs
IHTP800B	800	800mm/31,49"	800mm/31,49"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30.91"	1200mm/47.24"	2x50,80mm/2x2"	50kg/110.23lbs



**CP
PLUGLINE**

**OIL AND GAS
PIPE STOPPERS**

**OIL AND GAS
PIPE TEST PLUGS**

OIL AND GAS PIPE STOPPERS

OIL AND GAS PIPE STOPPERS

Oil and Gas Pipe Stoppers are;

- Oil and Gas Pipe Stoppers are mainly used in Petrochemical Industry, oil, gas, fuel and all other chemical industry.
- They are also pneumatic stoppers and derived from standard Inflatable type stoppers unlike material type, their material has a high resistance to oil, gases, fuel and other chemicals.
- This special type of material is NBR, Nitrile rubber, also known as nitrile butadiene rubber, NBR, Buna-N, and acrylonitrile butadiene rubber, is a synthetic rubber derived from acrylonitrile and butadiene. This rubber is unusual in being resistant to oil, gas, fuel, and other chemicals.
- Oil and Gas Pipe Stoppers can be produced for all sizes and withstand pressures that can be produce for standard type stoppers are available diameters from 50 to 4200 mm and more if requested.
- Standard working pressures of PLUGLINE Oil and Gas Pipe Stoppers are specified as 1,5 Bar (21,75 psi) and 2,5 Bar (36,25 psi).
- Resistant to temperature values from -40 °C (-40 °F) to 70 °C (158 °F).



OIL AND GAS PIPE STOPPERS (1,0 BAR/21,75 PSI)

Product Code	Nominal Size	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)
OGPS50100/1,5	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
OGPS70150/1,5	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
OGPS100200/1,5	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
OGPS150300/1,5	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
OGPS200400/1,5	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
OGPS200500/1,5	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
OGPS300600/1,5	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
OGPS375750/1,5	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
OGPS5001000/1,5	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
OGPS5001200/1,5	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
OGPS5001400/1,5	500-1400	500mm/19,68"	1400mm/55,11"	1,5bar/21,75psi	0,5bar/7,25psi	485mm/19,09"	2150mm/84,54"	36,0kg/79,36lbs
OGPS6001200/1,5	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
OGPS6001600/1,5	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
OGPS8001600/1,5	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
OGPS8002000/1,5	800-2000	800mm/31,49"	2000mm/78,74"	1,5bar/21,75psi	0,5bar/7,25psi	780mm/30,70"	3200mm/125,98"	75,0kg/165,34lbs
OGPS12002400/1,5	1200-1400	1200mm/47,24"	2400mm/94,48"	1,5bar/21,75psi	0,5bar/7,25psi	1180mm/46,45"	2500mm/98,42"	185kg/407,85lbs
OGPS12002800/1,5	1200-2800	1200mm/47,24"	2800mm/110,23"	1,5bar/21,75psi	0,5bar/7,25psi	1180mm/46,45"	6000mm/236,22"	220kg/485lbs
OGPS14002800/1,5	1400-2800	1400mm/55,11"	2800mm/110,23"	1,5bar/21,75psi	0,5bar/7,25psi	1320mm/51,96"	3600mm/141,73"	240,0kg/529,10lbs
OGPS14003200/1,5	1400-3200	1400mm/55,11"	3200mm/125,98"	1,5bar/21,75psi	0,5bar/7,25psi	1320mm/51,96"	4000mm/157,48"	290kg/639,33lbs
OGPS18003600/1,5	1800-3600	1800mm/70,87"	3600mm/141,73"	1,5bar/21,75psi	0,5bar/7,25psi	1780mm/70,08"	4000mm/157,48"	400,0kg/881,83lbs
OGPS18004200/1,5	1800-4200	1800mm/70,87"	4200mm/165,35"	1,5bar/21,75psi	0,5bar/7,25psi	1780mm/70,08"	6000mm/236,22"	600,0kg/1320,00lbs

OIL AND GAS PIPE STOPPERS (2,5 BAR / 36,25 PSI)

Product Code	Nominal Size	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)
OGPS2040/2,5	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
OGPS2550/2,5	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
OGPS3570/2,5	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
OGPS50100/2,5	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
OGPS70150/2,5	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
OGPS100200/2,5	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
OGPS150300/2,5	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
OGPS200400/2,5	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
OGPS200500/2,5	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
OGPS300600/2,5	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
OGPS375750/2,5	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
OGPS500800/2,5	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
OGPS5001000/2,5	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
OGPS6001200/2,5	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
OGPS8001600/2,5	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
OGPS14002800/2,5	1400-2800	1400mm/55,11"	2800mm/110,23"	2,5bar/36,25psi	1,0bar/14,50psi	1300mm/51,18"	3600mm/141,73"	240,0kg/529,10lbs

OIL AND GAS PIPE TEST PLUGS

Oil And Gas Pipe Test Plugs are;

- Oil and Gas Pipe Test Plugs are mainly used in Petrochemical Industry, oil, gas, fuel and all other chemical industry
- They are also inflatable, pneumatic pipe test plugs.
- They are derived from standard Inflatable type plugs unlike material type, their material has a high resistance to oil, gases, fuel and other chemicals.
- This special type of material is NBR, Nitrile rubber, also known as nitrile butadiene rubber, NBR, Buna-N, and acrylonitrile butadiene rubber, is a synthetic rubber derived from acrylonitrile and butadiene. This rubber is unusual in being resistant to oil, gas, fuel, and other chemicals.
- Mostly used also during the repair and technical support of Petrochemical Industry, oil, gas, fuel and all other chemical industry pipe lines to divert the flow via bypass on them.
- Oil and Gas Pipe Test Plugs can be produced for all sizes and withstand pressures that can be produce for standard type stoppers are available diameters from 50 to 4200 mm and more if requested.
- Standard working pressures of PLUGLINE Oil and Gas Pipe Test Plugs are specified as 1,5 Bar (21,75 psi) and 2,5 Bar (36,25 psi).
- They have resistant to temperature values from -40 °C (-40 °F) to 70 °C (158 °F).



OIL AND GAS PIPE TEST PLUGS

OIL AND GAS PIPE TEST PLUGS (1,5 BAR/21,75 PSI) / BACK PRESSURE (0,5 BAR/7,25 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
OGTP50100A/1,5	50-100	50mm/1,96"	100mm/3,93"	1,5bar/21,75psi	45mm/1,77"	330mm/12,99"	6,35mm/1/4"	1,0kg/2,20lbs
OGTP50100B/1,5	50-100	50mm/1,96"	100mm/3,93"	1,5bar/21,75psi	45mm/1,77"	330mm/12,99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
OGTP70150A/1,5	70-150	70mm/2,75"	150mm/5,90"	1,5bar/21,75psi	64mm/2,51"	400mm/15,74"	12,70mm/1/2"	1,2kg/2,64lbs
OGTP70150B/1,5	70-150	70mm/2,75"	150mm/5,90"	1,5bar/21,75psi	64mm/2,51"	400mm/15,74"	2x6,35mm/2x1/4"	1,3kg/2,86lbs
OGTP100200A/1,5	100-200	100mm/3,93"	200mm/7,87"	1,5bar/21,75psi	88mm/3,46"	500mm/19,68"	25,40mm/1"	1,8kg/3,86lbs
OGTP100200B/1,5	100-200	100mm/3,93"	200mm/7,87"	1,5bar/21,75psi	88mm/3,46"	500mm/19,68"	2x12,70mm/2x1/2"	1,9kg/4,18lbs
OGTP150300A/1,5	150-300	150mm/5,90"	300mm/11,81"	1,5bar/21,75psi	138mm/5,43"	580mm/22,83"	25,40mm/1"	4,0kg/8,81lbs
OGTP150300B/1,5	150-300	150mm/5,90"	300mm/11,81"	1,5bar/21,75psi	138mm/5,43"	580mm/22,83"	2x12,70mm/2x1/2"	4,2kg/9,25lbs
OGTP200400A/1,5	200-400	200mm/7,87"	400mm/15,74"	1,5bar/21,75psi	185mm/7,28"	680mm/26,77"	50,80mm/2"	7,2kg/15,87lbs
OGTP200400B/1,5	200-400	200mm/7,87"	400mm/15,74"	1,5bar/21,75psi	185mm/7,28"	680mm/26,77"	2x25,40mm/2x1"	7,4kg/16,31lbs
OGTP200500A/1,5	200-500	200mm/7,87"	500mm/19,68"	1,5bar/21,75psi	185mm/7,28"	820mm/32,28"	50,80mm/2"	8,0kg/17,63lbs
OGTP200500B/1,5	200-500	200mm/7,87"	500mm/19,68"	1,5bar/21,75psi	185mm/7,28"	820mm/32,28"	2x25,40mm/2x1"	9,0kg/19,84lbs
OGTP300600A/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	50,80mm/2"	11,0kg/24,25lbs
OGTP300600B/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	2x50,80mm/2x2"	11,7kg/25,79lbs
OGTP300600C/1,5	300-600	300mm/11,81"	600mm/23,62"	1,5bar/21,75psi	285mm/11,22"	800mm/31,49"	76,20mm/3"	11,0kg/24,25lbs
OGTP375750A/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	50,80mm/2"	18,0kg/39,68lbs
OGTP375750B/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	2x50,80mm/2x2"	20,0kg/44,09lbs
OGTP375750C/1,5	375-750	375mm/14,76"	750mm/29,52"	1,5bar/21,75psi	355mm/13,97"	1000mm/39,37"	76,20mm/3"	21,0kg/46,30lbs
OGTP5001000A/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	50,80mm/2"	27,0kg/59,52lbs
OGTP5001000B/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	2x50,80mm/2x2"	28,0kg/61,72lbs
OGTP5001000C/1,5	500-1000	500mm/19,68"	1000mm/39,37"	1,5bar/21,75psi	480mm/18,89"	1050mm/41,33"	101,60mm/4"	32,0kg/70,55lbs
OGTP5001200A/1,5	500-1200	500mm/19,68"	1200mm/47,24"	1,5bar/21,75psi	480mm/18,89"	1400mm/55,11"	101,60mm/4"	41,0kg/90,39lbs
OGTP6001200A/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	50,80mm/2"	35,0kg/77,16lbs
OGTP6001200B/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	2x50,80mm/2x2"	36,0kg/79,36lbs
OGTP6001200C/1,5	600-1200	600mm/23,62"	1200mm/47,24"	1,5bar/21,75psi	585mm/23,03"	1400mm/55,11"	101,60mm/4"	36,0kg/79,36lbs
OGTP8001600A/1,5	800-1600	800mm/31,49"	1600mm/62,99"	1,5bar/21,75psi	780mm/30,70"	2000mm/78,74"	50,80mm/2"	45,0kg/99,20lbs
OGTP8001600B/1,5	800-1600H	800mm/31,49"	1600mm/62,99"	1,5bar/21,75psi	780mm/30,70"	2000mm/78,74"	2x50,80mm/2x2"	48,0kg/105,82lbs
OGTP8002000A/1,5	800-2000	800mm / 31,5"	2000mm / 78,74"	1,5bar/21,75psi	780mm / 30,71"	2400mm / 94,49"	50,80mm/2"	70kg / 154,32lbs
OGTP8002000B/1,5	800-2000	800mm / 31,5"	2000mm / 78,74"	1,5bar/21,75psi	780mm / 30,71"	2400mm / 94,49"	2x50,80mm/2x2"	70kg / 154,32lbs
OGTP12002400A/1,5	1200-2400	1200mm / 47,24"	2400mm / 94,49"	1,5bar/21,75psi	1180mm / 46,46"	2500mm / 98,43"	50,80mm/2"	120kg / 264,55lbs
OGTP12002400B/1,5	1200-2400	1200mm / 47,24"	2400mm / 94,49"	1,5bar/21,75psi	1180mm / 46,46"	2500mm / 98,43"	2x50,80mm/2x2"	120kg / 264,55lbs
OGTP12002800A/1,5	1200-2800	1200mm / 47,24"	2800mm / 110,24"	1,5bar/21,75psi	1180mm / 46,46"	6000mm / 236,22"	50,80mm/2"	160kg / 352,74lbs
OGTP12002800B/1,5	1200-2800	1200mm / 47,24"	2800mm / 110,24"	1,5bar/21,75psi	1180mm / 46,46"	6000mm / 236,22"	2x50,80mm/2x2"	160kg / 352,74lbs
OGTP14002800A/1,5	1400-2800	1400mm/55,11"	2800mm/110,23"	1,5bar/21,75psi	1300mm/51,18"	3600mm/141,73"	101,60mm/4"	230,0kg/507,06lbs
OGTP18003600A/1,5	1800-3600	1800mm / 70,87"	3600mm/141,73"	1,5bar/21,75psi	1780mm/70,07"	4000mm/157,48"	101,60mm/4"	200kg/440,94lbs
OGTP18003600B/1,5	1800-3600	1800mm / 70,87"	3600mm/141,73"	1,5bar/21,75psi	1780mm/70,07"	4000mm/157,48"	2x101,60mm/2x4"	200kg/440,94lbs
OGTP18004200A/1,5	1800-4200	1800mm / 70,87"	4200mm/165,35"	1,5bar/21,75psi	1780mm/70,07"	6000mm/236,22"	101,60mm/4"	250,0kg/551,15lbs
OGTP18004200B/1,5	1800-4200	1800mm / 70,87"	4200mm/165,35"	1,5bar/21,75psi	1780mm/70,07"	6000mm/236,22"	2x101,60mm/2x4"	250,0kg/551,15lbs

OIL AND GAS PIPE TEST PLUGS (2,5 BAR/36,25 PSI) / BACK PRESSURE (1,0 BAR/14,50 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
OGTP3570/2,5	35-70	35mm/1,37"	70mm/2,75"	2,5bar/36,25psi	33mm/1,29"	300mm/11,81"	1,58mm/1/16"	0,3kg/0,66lbs
OGTP50100A/2,5	50-100	50mm/1,96"	100mm/3,93"	2,5bar/36,25psi	45mm/1,77"	280mm/11,02"	12,70mm/1/2"	1,0kg/2,20lbs
OGTP50100B/2,5	50-100	50mm/1,96"	100mm/3,93"	2,5bar/36,25psi	45mm/1,77"	280mm/11,02"	2x1,58mm/2x1/16"	1,2kg/2,64lbs
OGTP70150A/2,5	70-150	70mm/2,75"	150mm/5,90"	2,5bar/36,25psi	65mm/2,55"	320mm/12,59"	25,40mm/1"	1,3kg/2,86lbs
OGTP70150B/2,5	70-150	70mm/2,75"	150mm/5,90"	2,5bar/36,25psi	65mm/2,55"	320mm/12,59"	2x6,35mm/2x1/4"	1,4kg/3,08lbs
OGTP70150C/2,5	70-150	70mm/2,75"	150mm/5,90"	2,5bar/36,25psi	65mm/2,55"	320mm/12,59"	12,70mm/1/4"	1,2kg/2,64lbs
OGTP100200A/2,5	100-200	100mm/3,93"	200mm/7,87"	2,5bar/36,25psi	88mm/3,46"	500mm/19,68"	25,40mm/1"	1,8kg/3,86lbs
OGTP100200B/2,5	100-200	100mm/3,93"	200mm/7,87"	2,5bar/36,25psi	88mm/3,46"	500mm/19,68"	2x12,70mm/2x1/2"	1,9kg/4,18lbs
OGTP150300A/2,5	150-300	150mm/5,90"	300mm/11,81"	2,5bar/36,25psi	138mm/5,43"	580mm/22,83"	50,80mm/2"	4,0kg/8,81lbs
OGTP150300B/2,5	150-300	150mm/5,90"	300mm/11,81"	2,5bar/36,25psi	138mm/5,43"	580mm/22,83"	2x25,40mm/2x1"	4,2kg/9,25lbs
OGTP200400A/2,5	200-400	200mm/7,87"	400mm/15,74"	2,5bar/36,25psi	185mm/7,28"	680mm/26,77"	50,80mm/2"	7,2kg/15,87lbs
OGTP200400B/2,5	200-400	200mm/7,87"	400mm/15,74"	2,5bar/36,25psi	185mm/7,28"	680mm/26,77"	2x25,40mm/2x1"	7,4kg/16,31lbs
OGTP300600A/2,5	300-600	300mm/11,81"	600mm/23,62"	2,5bar/36,25psi	285mm/11,22"	850mm/33,46"	50,80mm/2"	11,0kg/24,25lbs
OGTP300600B/2,5	300-600	300mm/11,81"	600mm/23,62"	2,5bar/36,25psi	285mm/11,22"	850mm/33,46"	2x50,80mm/2x2"	11,7kg/25,79lbs
OGTP300600C/2,5	300-600	300mm/11,81"	600mm/23,62"	2,5bar/36,25psi	285mm/11,22"	850mm/33,46"	76,20mm/3"	11,0kg/24,25lbs
OGTP375750A/2,5	375-750	375mm/14,76"	750mm/29,52"	2,5bar/36,25psi	360mm/14,17"	1000mm/39,37"	50,80mm/2"	18,0kg/39,68lbs
OGTP375750B/2,5	375-750	375mm/14,76"	750mm/29,52"	2,5bar/36,25psi	360mm/14,17"	1000mm/39,37"	2x50,80mm/2x2"	20,0kg/44,09lbs
OGTP375750C/2,5	375-750	375mm/14,76"	750mm/29,52"	2,5bar/36,25psi	360mm/14,17"	1000mm/39,37"	76,20mm/3"	21,0kg/46,30lbs
OGTP500800A/2,5	500-800	500mm/19,68"	800mm/31,49"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	50,80mm/2"	27,0kg/59,52lbs
OGTP500800B/2,5	500-800	500mm/19,68"	800mm/31,49"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	2x50,80mm/2x2"	28,8kg/63,49lbs
OGTP500800C/2,5	500-800	500mm/19,68"	800mm/31,49"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	101,60mm/4"	32,00kg/70,55lbs
OGTP5001000A/2,5	500-1000	500mm/19,68"	1000mm/39,37"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	50,80mm/2"	27,0kg/59,52lbs
OGTP5001000B/2,5	500-1000	500mm/19,68"	1000mm/39,37"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	2x50,80mm/2x2"	28,8kg/63,49lbs
OGTP5001000C/2,5	500-1000	500mm/19,68"	1000mm/39,37"	2,5bar/36,25psi	480mm/18,89"	1050mm/41,33"	101,60mm/4"	32,00kg/70,55lbs
OGTP6001200A/2,5	600-1200	600mm/23,62"	1200mm/47,24"	2,5bar/36,25psi	580mm/22,83"	1250mm/49,21"	50,80mm/2"	35,0kg/77,16lbs
OGTP6001200B/2,5	600-1200	600mm/23,62"	1200mm/47,24"	2,5bar/36,25psi	580mm/22,83"	1250mm/49,21"	2x50,80mm/2x2"	36,0kg/79,36lbs
OGTP6001200C/2,5	600-1200	600mm/23,62"	1200mm/47,24"	2,5bar/36,25psi	580mm/22,83"	1250mm/49,21"	101,60mm/4"	42,00kg/92,60lbs
OGTP8001600A/2,5	800-1600	800mm/31,49"	1600mm/62,99"	2,5bar/36,25psi	790mm/31,10"	1800mm/70,86"	50,80mm/2"	45,0kg/99,20lbs
OGTP8001600B/2,5	800-1600	800mm/31,49"	1600mm/62,99"	2,5bar/36,25psi	790mm/31,10"	1800mm/70,86"	2x50,80mm/2x2"	50,0kg/110,23lbs
OGTP14002800/2,5	1400-2800	1400mm/55,11"	2800mm/110,23"	2,5bar/36,25psi	1300mm/51,18"	3600mm/141,73"	101,60mm/4"	280,0kg/617,29lbs



OIL AND GAS HIGH PRESSURE PIPE STOPPERS

Oil And Gas High Pressure Pipe Stoppers are;

- Mainly used in Petrochemical Industry, oil, gas, fuel and all other chemical industry to seal and to block pipelines, which the back pressure exceeds the range of standard stoppers.
- Oil and Gas High Pressure Pipe Stoppers, called also as Oil and Gas High Pressure Pneumatic Pipe Plugs
- Derived from standard type high-pressure pipes stoppers unlike material type, their material has a high resistance to, oil, gas, fuel and all other chemicals
- Produced with special type material is Nitrile rubber, also known as nitrile butadiene rubber, NBR, Buna-N, and acrylonitrile butadiene rubber, is a synthetic rubber derived from acrylonitrile and butadiene. This rubber is unusual in being resistant to oil, gas, fuel, and other chemicals
- Available for pipe diameters from 50 mm (1,96") to 2000 mm (78,74"), if requested more.
- Produced at higher working pressures like 6,0 Bar (87,02 psi) and 12,0 Bar (174,04 psi)
- Resistant to the environment for temperatures from -40 °C (-40 °F) to 70 °C (158 °F).



OIL AND GAS HIGH PRESSURE PIPE STOPPERS

OIL AND GAS HIGH PRESSURE PIPE STOPERS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	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)
OGHPS5070	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1,77"	280mm/11,02"	0,4kg/0,88lbs
OGHPS70100	70-100	70mm/2.76"	100mm/3,93"	6,0bar/87,02psi	3,0bar/43,51psi	65mm/2,51"	320mm/12,6"	0,6kg/1,32lbs
OGHPS100150	100-150	100mm/3,93"	150mm/5,90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
OGHPS150200	150-200	150mm/5,90"	200mm/7,87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
OGHPS200300	200-300	200mm/7,87"	300mm/11,81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
OGHPS300400	300-400	300mm/11,81"	400mm/15,74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
OGHPS375500	375-500	375mm/14,76"	500mm/19,68"	6,0bar/87,02psi	3,0bar/43,51psi	380mm/14,96"	1000mm/39,37"	9,4kg/20,72lbs
OGHPS500600	500-600	500mm/19,68"	600mm/23,62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
OGHPS600700	600-700	600mm/23,62"	700mm/27,55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
OGHPS8001000	800-1000	800mm/31,49"	1000mm/39,37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs

OIL AND GAS HIGH PRESSURE PIPE STOPERS (12,0 BAR/174,04 PSI)

Product Code	Nominal Size	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)
OGHPS50	50	50mm/1.97"	50mm/1.97"	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	280mm/11,02"	0,4kg/0,88lbs
OGHPS70	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	65mm/2,51"	320mm/12,6"	0,6kg/1,32lbs
OGHPS100	100	100mm/3,93"	100mm/3,93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
OGHPS125	125	125mm/4,92"	125mm/4,92"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3,46"	550mm/21,65"	1,0kg/2,20lbs
OGHPS150	150	150mm/5,90"	150mm/5,90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5,43"	550mm/21,65"	1,2kg/2,64lbs
OGHPS200	200	200mm/7,87"	200mm/7,87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
OGHPS250	250	250mm/9,84"	250mm/9,84"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7,28"	650mm/25,59"	3,4kg/7,49lbs
OGHPS300	300	300mm/11,81"	300mm/11,81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
OGHPS350	350	350mm/13,78"	350mm/13,78"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11,22"	850mm/33,46"	6,6kg/14,55lbs
OGHPS375	375	375mm/14,76"	375mm/14,76"	12,0bar/174,04psi	6,0bar/87,02psi	380mm/14,96"	1000mm/39,37"	9,4kg/20,72lbs
OGHPS400	400	400mm/15,74"	400mm/15,74"	12,0bar/174,04psi	6,0bar/87,02psi	360mm/14,17"	1000mm/39,37"	10,0kg/22,05lbs
OGHPS450	450	450mm/17,72"	450mm/17,72"	12,0bar/174,04psi	6,0bar/87,02psi	360mm/14,17"	1000mm/39,37"	10,0kg/22,05lbs
OGHPS500	500	500mm/19,68"	500mm/19,68"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19,09"	1150mm/45,27"	23,0kg/50,70lbs
OGHPS600	600	600mm/23,62"	600mm/23,62"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
OGHPS650	650	650mm/25,59"	650mm/25,59"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
OGHPS700	700	700mm/27,56"	700mm/27,56"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23,03"	1300mm/51,18"	25,5kg/56,21lbs
OGHPS800	800	800mm/31,49"	800mm/31,49"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30,90"	1300mm/51,18"	40,0kg/88,18lbs
OGHPS2000	2000	2000mm/78,74"	2000mm/78,74"	12,0bar/174,04psi	6,0bar/87,02psi	1780mm/70,07"	4000mm/157,48"	190kg/1543,24lbs

OIL AND GAS HIGH PRESSURE PIPE TEST PLUGS

Oil And Gas High Pressure Pipe Test Plugs are;

- Mainly used in Petrochemical Industry, oil, gas, fuel and all other chemical industry to seal and to block pipelines, which the back pressure exceeds the range of standard pipe test plugs
- Oil and Gas High Pressure Pipe Test Plugs, called also as Oil and Gas High Pressure Pneumatic Pipe Test Plugs
- Mostly used also during the repair and technical support of Petrochemical Industry, oil, gas, fuel and all other chemical industry pipe lines at high pressure to divert the flow via bypass on them
- Derived from standard type high-pressure pipe test plugs unlike material type, their material has a high resistance to oil, gas, fuel and all other chemicals
- Produced with special type material is Nitrile rubber, also known as nitrile butadiene rubber, NBR, Buna-N, and acrylonitrile butadiene rubber, is a synthetic rubber derived from acrylonitrile and butadiene. This rubber is unusual in being resistant to oil, gas, fuel, and other chemicals
- Produced with special type material is Nitrile rubber, also known as nitrile butadiene rubber, NBR, Buna-N, and acrylonitrile butadiene rubber, is a synthetic rubber derived from acrylonitrile and butadiene. This rubber is unusual in being resistant to oil, gas, fuel, and other chemicals
- Available for pipe diameters from 50 mm (1,96") to 1000 mm (39,37"), if requested more
- Produced at higher working pressures like 6,0 Bar (87,02 psi) and 12,0 Bar (174,04 psi)
- Resistant to the environment for temperatures from -40 °C (-40 °F) to 70 °C (158 °F)



OIL AND GAS HIGH PRESSURE PIPE TEST PLUGS

OIL AND GAS HIGH PRESSURE PIPE TEST PLUGS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	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)
OGHTP5070A	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1.77"	330mm / 12.99"	6,35mm/1/4"	1,0kg/2,20lbs
OGHTP5070B	50-70	50mm/1.97"	70mm/2.76"	6,0bar/87,02psi	3,0bar/43,51psi	45mm/1.77"	330mm / 12.99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
OGHTP70100A	70-100	70mm/2.76"	100mm/3.93"	6,0bar/87,02psi	3,0bar/43,51psi	64mm/2.52"	400mm / 15.75"	12,70mm/1/2"	1,2kg/2,64lbs
OGHTP70100B	70-100	70mm/2.76"	100mm/3.93"	6,0bar/87,02psi	3,0bar/43,51psi	64mm/2.52"	400mm / 15.75"	2x6,35mm/2x1/4"	1,3kg/2,87lbs
OGHTP100150A	100-150	100mm/3.93"	150mm/5.90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3.46"	580mm / 22.83"	25,40mm/1"	1,8kg / 3.97lbs
OGHTP100150B	100-150	100mm/3.93"	150mm/5.90"	6,0bar/87,02psi	3,0bar/43,51psi	88mm/3.46"	580mm / 22.83"	2x12,7mm/2x1/2"	1,9kg / 4.19lbs
OGHTP150200A	150-200	150mm/5.90"	200mm/7.87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5.43"	550mm / 21.65"	50,80mm/2"	4kg / 8.82lbs
OGHTP150200B	150-200	150mm/5.90"	200mm/7.87"	6,0bar/87,02psi	3,0bar/43,51psi	138mm/5.43"	550mm / 21.65"	2x25,40mm/2x1"	4,2kg / 9.26lbs
OGHTP200300A	200-300	200mm/7.87"	300mm/11.81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7.28"	650mm / 25.59"	50,80mm/2"	7.2kg / 15.87lbs
OGHTP200300B	200-300	200mm/7.87"	300mm/11.81"	6,0bar/87,02psi	3,0bar/43,51psi	185mm/7.28"	650mm / 25.59"	2x25,40mm/2x1"	7.4kg / 16.31lbs
OGHTP300400A	300-400	300mm/11.81"	400mm/15.74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11.22"	850mm / 33.46"	50,80mm/2"	11kg / 24.25lbs
OGHTP300400B	300-400	300mm/11.81"	400mm/15.74"	6,0bar/87,02psi	3,0bar/43,51psi	285mm/11.22"	850mm / 33.46"	50,8mm+25,4mm/2"+1"	11.7kg / 25.79lbs
OGHTP375500A	375-500	375mm/14.76"	500mm/19.68"	6,0bar/87,02psi	3,0bar/43,51psi	355mm/13.98"	1000mm / 39.37"	50,80mm/2"	18kg / 39.68lbs
OGHTP375500B	375-500	375mm/14.76"	500mm/19.68"	6,0bar/87,02psi	3,0bar/43,51psi	355mm/13.98"	1000mm / 39.37"	2x50,80mm/2x2"	20kg / 44.09lbs
OGHTP500600A	500-600	500mm/19.68"	600mm/23.62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19.09"	1050mm / 41.34"	50,80mm/2"	27kg / 59.52lbs
OGHTP500600B	500-600	500mm/19.68"	600mm/23.62"	6,0bar/87,02psi	3,0bar/43,51psi	485mm/19.09"	1050mm / 41.34"	2x50,80mm/2x2"	28.8kg / 63.49lbs
OGHTP600700A	600-700	600mm/23.62"	700mm/27.55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23.03"	1300mm / 51.18"	50,80mm/2"	35kg / 77.16lbs
OGHTP600700B	600-700	600mm/23.62"	700mm/27.55"	6,0bar/87,02psi	3,0bar/43,51psi	585mm/23.03"	1300mm / 51.18"	2x50,80mm/2x2"	36kg / 79.37lbs
OGHTP8001000A	800-1000	800mm/31.49"	1000mm/39.37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30.91"	1200mm / 47.24"	101,60mm/4"	45kg / 99.21lbs
OGHTP8001000B	800-1000	800mm/31.49"	1000mm/39.37"	6,0bar/87,02psi	3,0bar/43,51psi	785mm/30.91"	1200mm / 47.24"	2x50,80mm/2x2"	50kg / 110.23lbs

OIL AND GAS HIGH PRESSURE PIPE TEST PLUGS (12,0 BAR/174,04 PSI)

Product Code	Nominal Size	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)
OGHTP50A	50	50mm/1.97	50mm/1.97	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	330mm / 12.99"	6,35mm/1/4"	1,0kg/2,20lbs
OGHTP50B	50	50mm/1.97	50mm/1.97	12,0bar/174,04psi	6,0bar/87,02psi	45mm/1,77"	330mm / 12.99"	2x3,17mm/2x1/8"	1,2kg/2,64lbs
OGHTP70A	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	64mm/2.52"	400mm / 15.75"	12,70mm/1/2"	1,2kg/2,64lbs
OGHTP70B	70	70mm/2.76"	70mm/2.76"	12,0bar/174,04psi	6,0bar/87,02psi	64mm/2.52"	400mm / 15.75"	2x6,35mm/2x1/4"	1,3kg/2,87lbs
OGHTP100A	100	100mm/3.93"	100mm/3.93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3.46"	580mm / 22.83"	25,40mm/1"	1,8kg / 3.97lbs
OGHTP100B	100	100mm/3.93"	100mm/3.93"	12,0bar/174,04psi	6,0bar/87,02psi	88mm/3.46"	580mm / 22.83"	2x12,7mm/2x1/2"	1,9kg / 4.19lbs
OGHTP150A	150	150mm/5.90"	150mm/5.90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5.43"	550mm / 21.65"	50,80mm/2"	4kg / 8.82lbs
OGHTP150B	150	150mm/5.90"	150mm/5.90"	12,0bar/174,04psi	6,0bar/87,02psi	138mm/5.43"	550mm / 21.65"	2x25,40mm/2x1"	4,2kg / 9.26lbs
OGHTP200A	200	200mm/7.87"	200mm/7.87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7.28"	650mm / 25.59"	50,80mm/2"	7.2kg / 15.87lbs
OGHTP200B	200	200mm/7.87"	200mm/7.87"	12,0bar/174,04psi	6,0bar/87,02psi	185mm/7.28"	650mm / 25.59"	2x25,40mm/2x1"	7.4kg / 16.31lbs
OGHTP300A	300	300mm/11.81"	300mm/11.81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11.22"	850mm / 33.46"	50,80mm/2"	11kg / 24.25lbs
OGHTP300B	300	300mm/11.81"	300mm/11.81"	12,0bar/174,04psi	6,0bar/87,02psi	285mm/11.22"	850mm / 33.46"	50,8mm+25,4mm/2"+1"	11,7kg / 25.79lbs
OGHTP375A	375	375mm/14.76"	500mm/19.68"	12,0bar/174,04psi	6,0bar/87,02psi	355mm/13.98"	1000mm / 39.37"	50,80mm/2"	18kg / 39.68lbs
OGHTP375B	375	375mm/14.76"	500mm/19.68"	12,0bar/174,04psi	6,0bar/87,02psi	355mm/13.98"	1000mm / 39.37"	2x50,80mm/2x2"	20kg / 44.09lbs
OGHTP500A	500	500mm/19.68"	600mm/23.62"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19.09"	1050mm / 41.34"	50,80mm/2"	27kg / 59.52lbs
OGHTP500B	500	500mm/19.68"	600mm/23.62"	12,0bar/174,04psi	6,0bar/87,02psi	485mm/19.09"	1050mm / 41.34"	2x50,80mm/2x2"	28.8kg / 63.49lbs
OGHTP600A	600	600mm/23.62"	700mm/27.55"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23.03"	1300mm / 51.18"	50,80mm/2"	35kg / 77.16lbs
OGHTP600B	600	600mm/23.62"	700mm/27.55"	12,0bar/174,04psi	6,0bar/87,02psi	585mm/23.03"	1300mm / 51.18"	2x50,80mm/2x2"	36kg / 79.37lbs
OGHTP800A	800	800mm/31.49"	1000mm/39.37"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30.91"	1200mm / 47.24"	101,60mm/4"	45kg / 99.21lbs
OGHTP800B	800	800mm/31.49"	1000mm/39.37"	12,0bar/174,04psi	6,0bar/87,02psi	785mm/30.91"	1200mm / 47.24"	2x50,80mm/2x2"	50kg / 110.23lbs

CPUGLINE

**CONE PIPE
STOPPERS**

**CONE PIPE
TEST PLUGS**



CONE PIPE STOPPERS



Cone Pipe Stoppers are;

- Designed for sealing sewers, drainage systems, pipelines, and gullies.
- Mainly used for repairing sewers, pipelines, drainage systems, gullies, fixing accidental issues, technical support, leak locating and testing with air or water.
- Made of new type of chloroprene and aramid fabric rubber reinforced with hot vulcanized rubber.
- Available for more various pipe diameters than conventional pipe stoppers.
- So fit through standard manholes even on large scales
- Specified as standard working pressure 1,0 Bar (14,50 psi). In addition to this Cone Pipe Stoppers have higher working pressures can be produced.
- Be used in non-circular cross sections.
- Providing high resistance to chemicals.

CONE PIPE STOPPERS (1,0 BAR/14,50 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Inflation Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
CPS100200	100-200	100mm/3.94"	200mm/7.87"	1,0bar/14,50psi	0,5bar/7.25psi	70mm / 2.76"	340mm/13.39"	1kg/2.2lbs
CPS150400	150-400	150mm/5.91"	400mm/15.75"	1,0bar/14,50psi	0,5bar/7.25psi	100mm / 3.94"	760mm/29.92"	5kg/11.02lbs
CPS250600	250-600	250mm/9.84"	600mm/23.62"	1,0bar/14,50psi	0,5bar/7.25psi	200mm / 7.87"	1050mm/41.34"	6kg/13.23lbs
CPS300800	300-800	300mm/11.81"	800mm/31.5"	1,0bar/14,50psi	0,5bar/7.25psi	250mm / 9.84"	1300mm/51.18"	9,6kg/21.16lbs
CPS4001000	400-1000	400mm/15.75"	1000mm/39.37"	1,0bar/14,50psi	0,5bar/7.25psi	300mm / 11.81"	1600mm/62.99"	14,2kg/31.31lbs
CPS5001200	500-1200	500mm/19.69"	1200mm/47.24"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	1880mm/74.02"	19,1kg/42.11lbs
CPS5001400	500-1400	500mm/19.69"	1400mm/55.12"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	2150mm/84.65"	22kg/48.5lbs
CPS5001500	500-1500	500mm/19.69"	1500mm/59.06"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	2500mm/98.43"	24kg/52.91lbs
CPS6001600	600-1600	600mm/23.62"	1600mm/62.99"	1,0bar/14,50psi	0,5bar/7.25psi	500mm / 19.69"	2650mm/104.33"	35,3kg/77.82lbs
CPS8001800	800-1800	800mm/31.5"	1800mm/70.87"	1,0bar/14,50psi	0,5bar/7.25psi	700mm / 27.56"	3000mm/118.11"	66kg/145.51lbs
CPS10002200	1000-2200	1000mm/39.37"	2200mm/86.61"	1,0bar/14,50psi	0,5bar/7.25psi	800mm / 31.5"	3500mm/137.8"	85,3kg/188.05lbs
CPS15002800	1500-2800	1500mm/59.06"	2800mm/110.4"	1,0bar/14,50psi	0,5bar/7.25psi	1300mm / 51.18"	3650mm/143.7"	130kg/286.6lbs

CONE PIPE STOPPERS (2,0 BAR/29,01 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Inflation Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
CPS100200	100-200	100mm/3.94"	200mm/7.87"	2,0bar/29,0psi	1,0bar/14,50psi	70mm / 2.76"	340mm/13.39"	2kg/4,41lbs
CPS150400	150-400	150mm/5.91"	400mm/15.75"	2,0bar/29,0psi	1,0bar/14,50psi	100mm / 3.94"	760mm/29.92"	10kg/22,05lbs
CPS250600	250-600	250mm/9.84"	600mm/23.62"	2,0bar/29,0psi	1,0bar/14,50psi	200mm / 7.87"	1050mm/41.34"	12kg/26,46lbs
CPS300800	300-800	300mm/11.81"	800mm/31.5"	2,0bar/29,0psi	1,0bar/14,50psi	250mm / 9.84"	1300mm/51.18"	19,2kg/42,33lbs
CPS4001000	400-1000	400mm/15.75"	1000mm/39.37"	2,0bar/29,0psi	1,0bar/14,50psi	300mm / 11.81"	1600mm/62.99"	28,4kg/62,61lbs
CPS5001200	500-1200	500mm/19.69"	1200mm/47.24"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	1880mm/74.02"	38,2kg/84,22lbs
CPS5001400	500-1400	500mm/19.69"	1400mm/55.12"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	2150mm/84.65"	44kg/97lbs
CPS5001500	500-1500	500mm/19.69"	1500mm/59.06"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	2500mm/98.43"	48kg/105,82lbs
CPS6001600	600-1600	600mm/23.62"	1600mm/62.99"	2,0bar/29,0psi	1,0bar/14,50psi	500mm / 19.69"	2650mm/104.33"	70,6kg/155,65lbs
CPS8001800	800-1800	800mm/31.5"	1800mm/70.87"	2,0bar/29,0psi	1,0bar/14,50psi	700mm / 27.56"	3000mm/118.11"	132kg/291,01lbs
CPS10002200	1000-2200	1000mm/39.37"	2200mm/86.61"	2,0bar/29,0psi	1,0bar/14,50psi	800mm / 31.5"	3500mm/137.8"	170,6kg/376,11lbs

CONE PIPE TEST PLUGS



Cone Pipe Test Plugs are;

- Designed for sealing sewers, drainage systems, pipelines, and gullies.
- Mainly used for repairing sewers, pipelines, drainage systems, gullies, fixing accidental issues, technical support, leak locating and testing with air or water.
- Made of new type of chloroprene and aramid fabric rubber reinforced with hot vulcanized rubber.
- Available for more various pipe diameters than conventional pipe test plugs.
- So fit through standard manholes even on large scales
- Specified as standard working pressure 1,0 Bar (14,50 psi). In addition to this Cone Pipe Test Plugs have higher working pressures can be produced.
- Be used in non-circular cross sections.
- Providing high resistance to chemicals.

CONE PIPE TEST PLUGS (1,0 BAR/14,50 PSI)

Product Code	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Inflation Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Bypass Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
CTP100200	100mm/3.94"	200mm/7.87"	1,0bar/14,50psi	0,5bar/7.25psi	70mm / 2.76"	6,35mm/1/4"	340mm/13.39"	1kg/2.2lbs
CTP150400	150mm/5.91"	400mm/15.75"	1,0bar/14,50psi	0,5bar/7.25psi	100mm / 3.94"	12,70mm/1/2"	760mm/29.92"	5kg/11.02lbs
CTP250600	250mm/9.84"	600mm/23.62"	1,0bar/14,50psi	0,5bar/7.25psi	200mm / 7.87"	25,40mm/1"	1050mm/41.34"	6kg/13.23lbs
CTP300800	300mm/11.81"	800mm/31.5"	1,0bar/14,50psi	0,5bar/7.25psi	250mm / 9.84"	50,80mm/2"	1300mm/51.18"	9,6kg/21.16lbs
CTP4001000	400mm/15.75"	1000mm/39.37"	1,0bar/14,50psi	0,5bar/7.25psi	300mm / 11.81"	50,80mm/2"	1600mm/62.99"	14,2kg/31.31lbs
CTP5001200	500mm/19.69"	1200mm/47.24"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	50,80mm/2"	1880mm/74.02"	19,1kg/42.11lbs
CTP5001400	500mm/19.69"	1400mm/55.12"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	50,80mm/2"	2150mm/84.65"	22kg/48.5lbs
CTP5001500	500mm/19.69"	1500mm/59.06"	1,0bar/14,50psi	0,5bar/7.25psi	400mm / 15.75"	50,80mm/2"	2500mm/98.43"	24kg/52.91lbs
CTP6001600	600mm/23.62"	1600mm/62.99"	1,0bar/14,50psi	0,5bar/7.25psi	500mm / 19.69"	50,80mm/2"	2650mm/104.33"	35,3kg/77.82lbs
CTP8001800	800mm/31.5"	1800mm/70.87"	1,0bar/14,50psi	0,5bar/7.25psi	700mm / 27.56"	50,80mm/2"	3000mm/118.11"	66kg/145.51lbs
CTP10002200	1000mm/39.37"	2200mm/86.61"	1,0bar/14,50psi	0,5bar/7.25psi	800mm / 31.5"	50,80mm/2"	3500mm/137.8"	85,3kg/188.05lbs
CTP15002800	1500mm/59.06"	2800mm/110.4"	1,0bar/14,50psi	0,5bar/7.25psi	1300mm / 51.18"	50,80mm/2"	3650mm/143.7"	130kg/286.6lbs

CONE PIPE TEST PLUGS (2,0 BAR/29,0 PSI)

Product Code	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Inflation Pressure (bar/psi)	Back Pressure (bar/psi)	Product Diameter (mm/inch)	Bypass Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
CTP100200	100mm/3.94"	200mm/7.87"	2,0bar/29,0psi	1,0bar/14,50psi	70mm / 2.76"	6,35mm/1/4"	340mm/13.39"	2kg/4,41lbs
CTP150400	150mm/5.91"	400mm/15.75"	2,0bar/29,0psi	1,0bar/14,50psi	100mm / 3.94"	12,70mm/1/2"	760mm/29.92"	10kg/22,05lbs
CTP250600	250mm/9.84"	600mm/23.62"	2,0bar/29,0psi	1,0bar/14,50psi	200mm / 7.87"	25,40mm/1"	1050mm/41.34"	12kg/26,46lbs
CTP300800	300mm/11.81"	800mm/31.5"	2,0bar/29,0psi	1,0bar/14,50psi	250mm / 9.84"	50,80mm/2"	1300mm/51.18"	19,2kg/42,33lbs
CTP4001000	400mm/15.75"	1000mm/39.37"	2,0bar/29,0psi	1,0bar/14,50psi	300mm / 11.81"	50,80mm/2"	1600mm/62.99"	28,4kg/62,61lbs
CTP5001200	500mm/19.69"	1200mm/47.24"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	50,80mm/2"	1880mm/74.02"	38,2kg/84,22lbs
CTP5001400	500mm/19.69"	1400mm/55.12"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	50,80mm/2"	2150mm/84.65"	44kg/97lbs
CTP5001500	500mm/19.69"	1500mm/59.06"	2,0bar/29,0psi	1,0bar/14,50psi	400mm / 15.75"	50,80mm/2"	2500mm/98.43"	48kg/105,82lbs
CTP6001600	600mm/23.62"	1600mm/62.99"	2,0bar/29,0psi	1,0bar/14,50psi	500mm / 19.69"	50,80mm/2"	2650mm/104.33"	70,6kg/155,65lbs
CTP8001800	800mm/31.5"	1800mm/70.87"	2,0bar/29,0psi	1,0bar/14,50psi	700mm / 27.56"	50,80mm/2"	3000mm/118.11"	132kg/291,01lbs
CTP10002200	1000mm/39.37"	2200mm/86.61"	2,0bar/29,0psi	1,0bar/14,50psi	800mm / 31.5"	50,80mm/2"	3500mm/137.8"	170,6kg/376,11lbs

CPLUGLINE

**EGG SHAPE
PIPE STOPPERS**

**EGG SHAPE
PIPE TEST PLUGS**

EGG SHAPE PIPE STOPPERS

Egg Shape Pipe Stoppers are;

- Designed for sealing ovoid profile sewers, drainage systems, pipelines, and gullies.
- Used to seal prevent the ingress of water, gases, construction waste, dust, rat and rodent into a newly laid pipe lines to the egg shaped profiles.
- Mainly used also for repairing sewers, pipelines, drainage systems, gullies, fixing accidental issues, technical support, leak locating and testing with air or water.
- Available for pipe diameters from 200 mm (7,87") to 1500 mm (59,05").
- Specified as standard working pressure 1,5 Bar (21,75 psi). In addition to this Egg Shape Pipe Stoppers have higher working pressures can be produced.



EGG SHAPE PIPE STOPPERS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
ESPS200450	200-300	250mm-375mm/ 9,84"-14,76"	300mm-450mm /11,81"-17,71"	1,5 bar/21,75psi	150mm-250mm/ 5,90"-9,84"	750mm/29,52"	9,0 kg / 19,84 lbs
ESPS300900	300-450	350mm-525mm/ 13,77"-20,66"	400mm-600mm /15,74"-23,62" 600mm-900mm /23,62"-35,43"	1,5 bar/21,75psi	250mm-400mm/ 9,84"-15,74"	1400mm/55,11"	33,0 kg / 72,75 lbs
ESPS7001500	700-900	900mm-1350mm/ 35,43"-53,14"	1000mm-1500mm /39,37"-59,05"	1,5 bar/21,75psi	650mm-850mm / 25,59"-33,46"	1600mm/62,99"	40,0 kg / 88,18 lbs
ESPS12001800	1200-1400	1400mm - 1600mm/ 55,12"-62,99"	1500mm - 1800mm/59,06"-70,87"	1,5 bar/21,75psi	1150mm-1550mm/ 45,28"-61,02"	2000mm/78,74"	90,0kg / 198,41 lbs

BACK PRESSURE IN CONCRETE DRY PIPE

- PLUGLINE Egg Shape Pipe Stoppers have 0,5 Bar (7,25 psi) Back Pressure in concrete dry pipe for every size of product.

EGG SHAPE PIPE TEST PLUGS

Egg Shape Pipe Test Plugs are;

- Designed for testing and locating leaks of egg shaped pipes, sewers, drainage systems, pipelines, and gullies.
- Also commonly used for this purpose when it is necessary to bypass the water flow in the egg shaped pipes.
- Mainly used for testing with air or water.
- Available for pipe diameters from 200 mm (7,87") to 1500 mm (59,05").
- Specified as standard working pressure 1,5 Bar (21,75 psi). In addition to this Egg Shape Pipe Test Plugs have higher working pressures can be produced.



EGG SHAPE PIPE TEST PLUGS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
ESTP200450	200-300	250mm-375mm/ 9,84"-14,76"	300mm-450mm / 11,81"-17,71"	1,5 bar/21,75psi	150mm-250mm/ 5,90"-9,84"	750mm/29,52"	50,80mm/2"	9,0 kg / 19,84 lbs
ESTP300900	300-450	350mm-525mm/ 13,77"-20,66"	400mm-600mm / 15,74"-23,62" 600mm-900mm / 23,62"-35,43"	1,5 bar/21,75psi	250mm-400mm/ 9,84"-15,74"	1400mm/55,11"	50,80mm/2"	33,0 kg / 72,75 lbs
ESTP7001500	700-900	900mm-1350mm/ 35,43"-53,14"	1000mm-1500mm / 39,37"-59,05"	1,5 bar/21,75psi	650mm-850mm / 25,59"-33,46"	1600mm/62,99"	50,80mm/2"	40,0 kg / 88,18 lbs

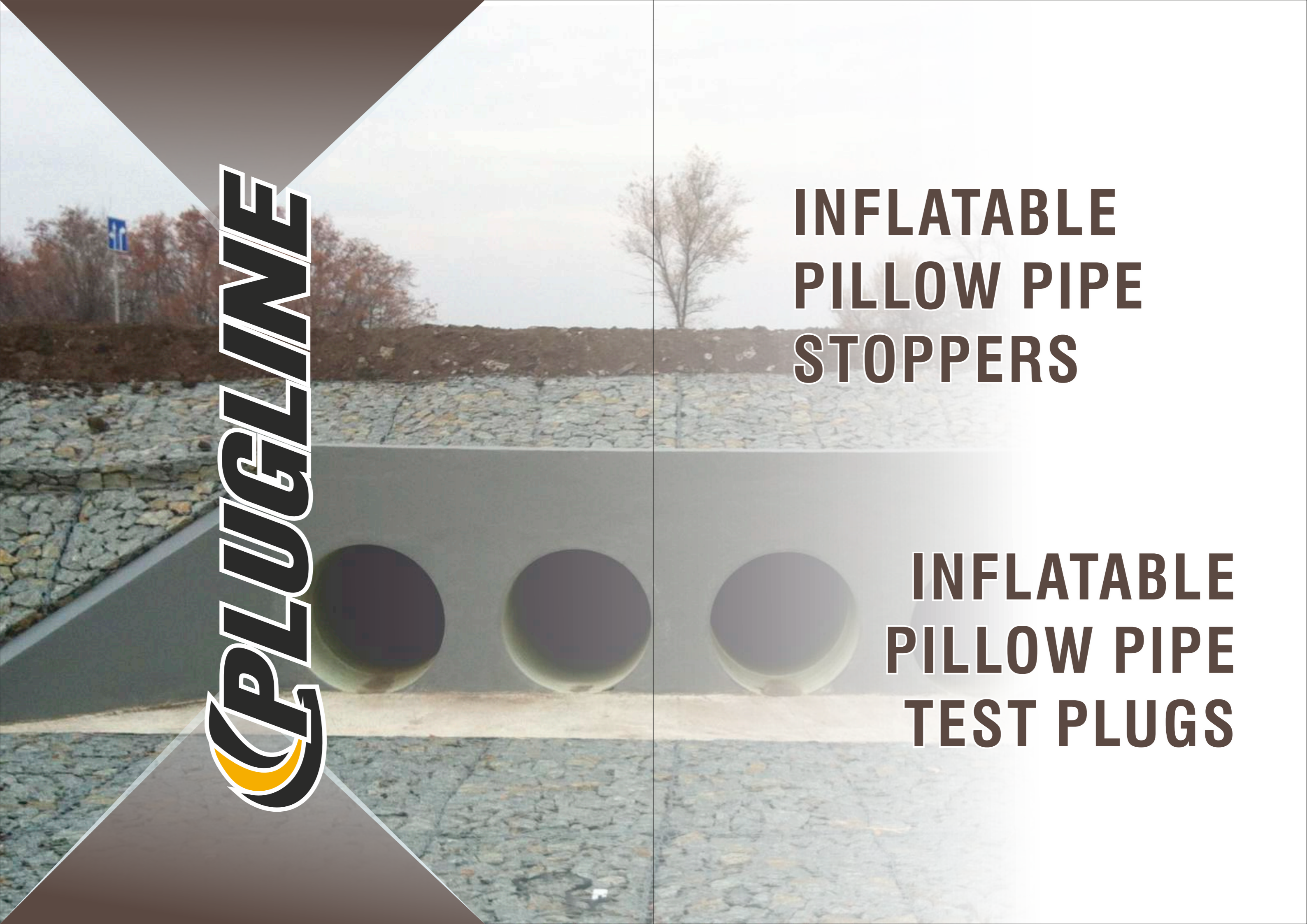
BACK PRESSURE IN CONCRETE DRY PIPE

- PLUGLINE Egg Shape Pipe Test Plugs have 0,5 Bar (7,25 psi) Back Pressure in concrete dry pipe for every size of product

CPUGLINE

**INFLATABLE
PILLOW PIPE
STOPPERS**

**INFLATABLE
PILLOW PIPE
TEST PLUGS**



INFLATABLE PILLOW PIPE STOPPERS

Inflatable Pillow Pipe Stoppers are;

- Mainly used for blocking the pipeline systems and sealing the sewers and storm sewers.
- Preferred for large diameter pipelines.
- Produced between 600mm to 2200mm pipes, as per request, they can be produced other than these sizes.
- Used together with pillow test plugs to test the pipeline leakage.
- Made with high quality rubber and metal items to protect the product from corrosion.
- Flexible, they have an advantage to be inserted into the sewer through the standard gullies.
- Used in temperature values from -40 degree to +70 degree.



INFLATABLE PILLOW PIPE TEST PLUGS

Inflatable Pillow Pipe Test Plugs are;

- Mainly used in the test systems and pipeline leakage
- Preferred for large diameter pipelines
- Produced between 600mm to 2200mm pipes, as per request, they can be produced other than these sizes
- Used together as a set with pillow stoppers to test the pipeline leakage
- Made with high quality rubber and metal items to protect the product from corrosion
- Flexible, they have an advantage to be inserted into the sewer through the standard gullies
- Used in temperature values from -40 degree to +70 degree



INFLATABLE PILLOW PIPE STOPPERS (0,5 bar / 7.25 psi and 1,0 bar / 14,50 psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
IPPS6001000	600-1000	600mm / 23,62"	1000mm / 39,37"	1,0 bar / 14,50 psi	2000mm / 78,74"	23,0kg / 50,71lbs
IPPS8001200	800-1200	800mm / 31,5"	1200mm / 47,24"	0,9 bar / 13,05 psi	2400mm / 94,49"	38,0kg / 83,78lbs
IPPS10001400	1000-1400	1000mm / 39,37"	1400mm / 55,12"	0,8 bar / 11,60 psi	2700mm / 106,3"	45,0kg / 99,21lbs
IPPS14001800	1400-1800	1400mm / 55,12"	1800mm / 70,87"	0,6 bar / 8,70 psi	3200mm / 125,98"	70,0kg / 154,32lbs
IPPS18002200	1800-2200	1800mm / 70,87"	2200mm / 86,61"	0,5 bar / 7,25 psi	5000mm / 196,85"	95,0kg / 209,44lbs

INFLATABLE PILLOW PIPE TEST PLUGS (0,5 bar / 7.25 psi and 1,0 bar / 14,50 psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
IPTP6001000	600-1000	600mm / 23,62"	1000mm / 39,37"	1,0 bar / 14,50 psi	2000mm / 78,74"	50,80 mm / 2"	23,0kg / 50,71lbs
IPTP8001200	800-1200	800mm / 31,5"	1200mm / 47,24"	0,9 bar / 13,05 psi	2400mm / 94,49"	50,80 mm / 2"	38,0kg / 83,78lbs
IPTP10001400	1000-1400	1000mm / 39,37"	1400mm / 55,12"	0,8 bar / 11,60 psi	2700mm / 106,3"	50,80 mm / 2"	45,0kg / 99,21lbs
IPTP14001800	1400-1800	1400mm / 55,12"	1800mm / 70,87"	0,6 bar / 8,70 psi	3200mm / 125,98"	50,80 mm / 2"	70,0kg / 154,32lbs
IPTP18002200	1800-2200	1800mm / 70,87"	2200mm / 86,61"	0,5 bar / 7,25 psi	5000mm / 196,85"	50,80 mm / 2"	95,0kg / 209,44lbs

PLUGLINE

JOINT TESTERS



Joint Testers are;

- Joint Testers are designed for locating leaks and breaches of sewers, pipelines, drainage systems, gullies joints as fast and safe, at any type of pipe material including concrete, ductile iron, polyethylene, PVC, steel etc.
- Ready to test with water or air straight from the factory, no modifications are needed.
- Since the test is performed locally, it requires much less time, cost and labor than the full pipe test.
- They can be inflated from 2,5 Bar (36,25 psi) to 55 Bar (725,18 psi) to seal the test chamber and production covers a wide range of diameters for all diameter values from 100mm to 4000mm (for example for DN2400 pipe Test Pressure up to 50 bar, for DN3100 pipe Test Pressure up to 20 bar, for DN4000 pipe Test Pressure up to 7 bar).
- Quick and easy instalation for testing.



LOW PRESSURE JOINT TESTERS (2,5 BAR/36,25 PSI)

Product Code	Nominal Size	Product Diameter (mm/inch)	Pipe Diameter to be Testing (mm/inch)	Total Length of Product (mm/inch)	Max. Working/Inflating Pressure (bar/psi)	Joint Hydrostatic Test Pressure (bar/psi)	Product Weight (kg/lbs)
JT100/2,5	100	80 mm / 3,14"	100 mm / 3.94"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	12kg / 26.46lbs
JT200/2,5	200	180 mm / 7,08"	200 mm / 7.87"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	23kg / 50.71lbs
JT300/2,5	300	280 mm / 11,02"	300 mm / 11.81"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	35kg / 77.16lbs
JT400/2,5	400	380 mm / 14,96"	400 mm / 15.75"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	45kg / 99.21lbs
JT500/2,5	500	480 mm / 18,89"	500 mm / 19.69"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	58kg / 127.87lbs
JT600/2,5	600	580 mm / 22,83"	600 mm / 23.62"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	70kg / 154.32lbs
JT700/2,5	700	680 mm / 26,77"	700 mm / 27.56"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	82kg / 180.78lbs
JT800/2,5	800	780 mm / 30,70"	800 mm / 31.5"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	93kg / 205.03lbs
JT900/2,5	900	880 mm / 34,64"	900 mm / 35.43"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	104kg / 229.28lbs
JT1000/2,5	1000	980 mm / 38,58"	1000 mm / 39.37"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	116kg / 255.74lbs
JT1100/2,5	1100	1080 mm / 42,51"	1100 mm / 43.31"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	127kg / 279.99lbs
JT1200/2,5	1200	1180 mm / 46,45"	1200 mm / 47.24"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	137kg / 302.03lbs
JT1300/2,5	1300	1280 mm / 50,39"	1300 mm / 51.18"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	143kg / 315.26lbs
JT1400/2,5	1400	1380 mm / 54,33"	1400 mm / 55.12"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	158kg / 348.33lbs
JT1500/2,5	1500	1480 mm / 58,26"	1500 mm / 59.06"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	165kg / 363.76lbs
JT1600/2,5	1600	1580 mm / 62,20"	1600 mm / 62.99"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	185kg / 407.86lbs
JT1700/2,5	1700	1680 mm / 66,14"	1700 mm / 66.93"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	197kg / 434.31lbs
JT1800/2,5	1800	1780 mm / 70,07"	1800 mm / 70.87"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	208kg / 458.56lbs
JT1900/2,5	1900	1880 mm / 74,01"	1900 mm / 74.8"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	221kg / 487.22lbs
JT2000/2,5	2000	1980 mm / 77,95"	2000 mm / 78.74"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	233kg / 513.68lbs
JT2100/2,5	2100	2080 mm / 81,88"	2100 mm / 82.68"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	243kg / 535.72lbs
JT2200/2,5	2200	2180 mm / 85,82"	2200 mm / 86.61"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	256kg / 564.38lbs
JT2300/2,5	2300	2280 mm / 89,76"	2300 mm / 90.55"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	267kg / 588.63lbs
JT2400/2,5	2400	2380 mm / 93,70"	2400 mm / 94.49"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	280kg / 617.29lbs
JT2500/2,5	2500	2480 mm / 97,64"	2500 mm / 98.43"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	293kg / 645.95lbs
JT2600/2,5	2600	2580 mm / 101,57"	2600 mm / 102.36"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	302kg / 665.8lbs
JT2700/2,5	2700	2680 mm / 105,51"	2700 mm / 106.3"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	314kg / 692.25lbs
JT2800/2,5	2800	2780 mm / 109,45"	2800 mm / 110.24"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	325kg / 716.5lbs
JT2900/2,5	2900	2880 mm / 113,39"	2900 mm / 114.17"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	338kg / 745.16lbs
JT3000/2,5	3000	2980 mm / 117,32"	3000 mm / 118.11"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	350kg / 771.62lbs
JT3100/2,5	3100	3080 mm / 121,25"	3100 mm / 122.05"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	362kg / 798.07lbs
JT3200/2,5	3200	3180 mm / 125,19"	3200 mm / 125.98"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	373kg / 822.32lbs
JT3300/2,5	3300	3280 mm / 129,13"	3300 mm / 129.92"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	396kg / 873.03lbs
JT3400/2,5	3400	3380 mm / 133,07"	3400 mm / 133.86"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	409kg / 901.69lbs
JT3500/2,5	3500	3480 mm / 137,01"	3500 mm / 137.8"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	422kg / 930.35lbs
JT3600/2,5	3600	3580 mm / 140,94"	3600 mm / 141.73"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	435kg / 959.01lbs
JT3700/2,5	3700	3680 mm / 144,88"	3700 mm / 145.67"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	448kg / 987.67lbs
JT3800/2,5	3800	3780 mm / 148,82"	3800 mm / 149.61"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	495kg / 1091.29lbs
JT3900/2,5	3900	3880 mm / 152,76"	3900 mm / 153.54"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	509kg / 1122.15lbs
JT4000/2,5	4000	3980 mm / 156,69"	4000 mm / 157.48"	380 mm / 14,96"	2,5 bar / 36,25 psi	1,0 bar / 14,50 psi	560kg / 1234.59lbs

Low Pressure Joint Testers can be produced according to the customer's requirement can be produce big dimensions Joint Tester and customize with a new design.

MEDIUM PRESSURE JOINT TESTERS

HIGH PRESSURE JOINT TESTERS

MEDIUM PRESSURE JOINT TESTERS (11 BAR/159,50 PSI)

Product Code	Nominal Size	Product Diameter (mm/inch)	Pipe Diameter to be Testing (mm/inch)	Total Length of Product (mm/inch)	Max. Working/Inflating Pressure (bar/psi)	Joint Hydrostatic Test Pressure (bar/psi)	Product Weight (kg/lbs)
JT100/11	100	80 mm / 3,14"	100 mm / 3.94"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	18kg / 39.68lbs
JT200/11	200	180 mm / 7,08"	200 mm / 7.87"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	34 kg / 76.06lbs
JT300/11	300	280 mm / 11,02"	300 mm / 11.81"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	52 kg / 115.74lbs
JT400/11	400	380 mm / 14,96"	400 mm / 15.75"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	67 kg / 148.81lbs
JT500/11	500	480 mm / 18,89"	500 mm / 19.69"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	87kg / 191.8lbs
JT600/11	600	580 mm /22,83"	600 mm / 23.62"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	105kg / 231.49lbs
JT700/11	700	680 mm / 26,77"	700 mm / 27.56"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	123kg / 271.17lbs
JT800/11	800	780 mm / 30,70"	800 mm / 31.5"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	139 kg / 307.54lbs
JT900/11	900	880 mm / 34,64"	900 mm / 35.43"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	156kg / 343.92lbs
JT1000/11	1000	980 mm / 38,58"	1000 mm / 39.37"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	174kg / 383.6lbs
JT1100/11	1100	1080 mm / 42,51"	1100 mm / 43.31"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	190 kg / 419.98lbs
JT1200/11	1200	1180 mm / 46,45"	1200 mm / 47.24"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	205 kg / 453.05lbs
JT1300/11	1300	1280 mm / 50,39"	1300 mm / 51.18"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	214 kg / 472.89lbs
JT1400/11	1400	1380 mm / 54,33"	1400 mm / 55.12"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	237kg / 522.5lbs
JT1500/11	1500	1480 mm / 58,26"	1500 mm / 59.06"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	247 kg / 545.64lbs
JT1600/11	1600	1580 mm / 62,20"	1600 mm / 62.99"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	277 kg / 611.78lbs
JT1700/11	1700	1680 mm / 66,14"	1700 mm / 66.93"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	295 kg / 651.47lbs
JT1800/11	1800	1780 mm / 70,07"	1800 mm / 70.87"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	312kg / 687.84lbs
JT1900/11	1900	1880 mm / 74,01"	1900 mm / 74.8"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	331 kg / 730.83lbs
JT2000/11	2000	1980 mm / 77,95"	2000 mm / 78.74"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	349 kg / 770.52lbs
JT2100/11	2100	2080 mm / 81,88"	2100 mm / 82.68"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	364 kg / 803.58lbs
JT2200/11	2200	2180 mm / 85,82"	2200 mm / 86.61"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	384kg / 846.58lbs
JT2300/11	2300	2280 mm / 89,76"	2300 mm / 90.55"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	400 kg / 882.95lbs
JT2400/11	2400	2380 mm / 93,70"	2400 mm / 94.49"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	420kg / 925.94lbs
JT2500/11	2500	2480 mm / 97,64"	2500 mm / 98.43"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	439 kg / 968.93lbs
JT2600/11	2600	2580 mm / 101,57"	2600 mm / 102.36"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	453kg / 998.69lbs
JT2700/11	2700	2680 mm / 105,51"	2700 mm / 106.3"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	471kg / 1038.38lbs
JT2800/11	2800	2780 mm / 109,45"	2800 mm / 110.24"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	487 kg / 1074.75lbs
JT2900/11	2900	2880 mm / 113,39"	2900 mm / 114.17"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	507kg / 1117.74lbs
JT3000/11	3000	2980 mm / 117,32"	3000 mm / 118.11"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	525kg / 1157.43lbs
JT3100/11	3100	3080mm / 121,25"	3100 mm / 122.05"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	543kg / 1197.11lbs
JT3200/11	3200	3180 mm / 125,2"	3200 mm / 125.98"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	559 kg / 1233.49lbs
JT3300/11	3300	3280 mm / 129,13"	3300 mm / 129.92"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	594kg / 1309.55lbs
JT3400/11	3400	3380 mm / 133,07"	3400 mm / 133.86"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	613 kg / 1352.54lbs
JT3500/11	3500	3480 mm / 137,01"	3500 mm / 137.8"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	633kg / 1395.53lbs
JT3600/11	3600	3580 mm / 140,94"	3600 mm / 141.73"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	652 kg / 1438.52lbs
JT3700/11	3700	3680 mm / 144,88"	3700 mm / 145.67"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	672kg / 1481.51lbs
JT3800/11	3800	3780 mm / 148,82"	3800 mm / 149.61"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	742 kg / 1636.93lbs
JT3900/11	3900	3880 mm / 152,76"	3900 mm / 153.54"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	763 kg / 1683.23lbs
JT4000/11	4000	3980 mm / 156,69"	4000 mm / 157.48"	500 mm / 19,68"	11 bar / 159,50 psi	7,0 bar / 101,50 psi	840kg / 1851.88lbs

Medium Pressure Joint Testers can be produced according to the customer's requirement can be produce big dimensions Joint Tester and customize with a new design.

HIGH PRESSURE JOINT TESTERS (25 BAR/290,00 PSI)

Product Code	Nominal Size	Product Diameter (mm/inch)	Pipe Diameter to be Testing (mm/inch)	Total Length of Product (mm/inch)	Max. Working/Inflating Pressure (bar/psi)	Joint Hydrostatic Test Pressure (bar/psi)	Product Weight (kg/lbs)
JT100/25	100	80 mm / 3,14"	100 mm / 3.94"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	25kg / 55.56lbs
JT200/25	200	180 mm / 7,08"	200 mm / 7.87"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	48kg / 106.48lbs
JT300/25	300	280 mm / 11,02"	300 mm / 11.81"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	73kg / 162.04lbs
JT400/25	400	380 mm / 14,96"	400 mm / 15.75"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	94kg / 208.34lbs
JT500/25	500	480 mm / 18,89"	500 mm / 19.69"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	121kg / 268.52lbs
JT600/25	600	580 mm /22,83"	600 mm / 23.62"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	147kg / 324.08lbs
JT700/25	700	680 mm / 26,77"	700 mm / 27.56"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	172kg / 379.64lbs
JT800/25	800	780 mm / 30,70"	800 mm / 31.5"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	195kg / 430.56lbs
JT900/25	900	880 mm / 34,64"	900 mm / 35.43"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	218kg / 481.49lbs
JT1000/25	1000	980 mm / 38,58"	1000 mm / 39.37"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	243kg / 537.05lbs
JT1100/25	1100	1080 mm / 42,51"	1100 mm / 43.31"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	266kg / 587.97lbs
JT1200/25	1200	1180 mm / 46,45"	1200 mm / 47.24"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	287kg / 634.27lbs
JT1300/25	1300	1280 mm / 50,39"	1300 mm / 51.18"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	300kg / 662.05lbs
JT1400/25	1400	1380 mm / 54,33"	1400 mm / 55.12"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	331kg / 731.49lbs
JT1500/25	1500	1480 mm / 58,26"	1500 mm / 59.06"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	346kg / 763.9lbs
JT1600/25	1600	1580 mm / 62,20"	1600 mm / 62.99"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	388kg / 856.5lbs
JT1700/25	1700	1680 mm / 66,14"	1700 mm / 66.93"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	413kg / 912.05lbs
JT1800/25	1800	1780 mm / 70,07"	1800 mm / 70.87"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	436kg / 962.98lbs
JT1900/25	1900	1880 mm / 74,01"	1900 mm / 74.8"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	464kg / 1023.17lbs
JT2000/25	2000	1980 mm / 77,95"	2000 mm / 78.74"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	489kg / 1078.72lbs
JT2100/25	2100	2080 mm / 81,88"	2100 mm / 82.68"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	510kg / 1125.02lbs
JT2200/25	2200	2180 mm / 85,82"	2200 mm / 86.61"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	537kg / 1185.21lbs
JT2300/25	2300	2280 mm / 89,76"	2300 mm / 90.55"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	560kg / 1236.13lbs
JT2400/25	2400	2380 mm / 93,70"	2400 mm / 94.49"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	588kg / 1296.32lbs
JT2500/25	2500	2480 mm / 97,64"	2500 mm / 98.43"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	615kg / 1356.5lbs
JT2600/25	2600	2580 mm / 101,57"	2600 mm / 102.36"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	634kg / 1398.17lbs
JT2700/25	2700	2680 mm / 105,51"	2700 mm / 106.3"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	659kg / 1453.73lbs
JT2800/25	2800	2780 mm / 109,45"	2800 mm / 110.24"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	682kg / 1504.65lbs
JT2900/25	2900	2880 mm / 113,39"	2900 mm / 114.17"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	709kg / 1564.84lbs
JT3000/25	3000	2980 mm / 117,32"	3000 mm / 118.11"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	735kg / 1620.4lbs
JT3100/25	3100	3080mm / 121,25"	3100 mm / 122.05"	600 mm / 23,62"	25 bar / 362,50 psi	20 bar / 290,00 psi	760kg / 1675.95lbs

High Pressure Joint Testers can be produced according to the customer's requirement can be produce big dimensions Joint Tester and customize with a new design.

ULTRA HIGH PRESSURE JOINT TESTERS

ULTRA HIGH PRESSURE JOINT TESTERS (55 BAR/797,50 PSI)

Product Code	Nominal Size	Product Diameter (mm/inch)	Pipe Diameter to be Testing (mm/inch)	Total Length of Product (mm/inch)	Max. Working/Inflating Pressure (bar/psi)	Joint Hydrostatic Test Pressure (bar/psi)	Product Weight (kg/lbs)
JT100/55	100	80 mm / 3,14"	100 mm / 3.94"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	35kg / 77.78lbs
JT200/55	200	180 mm / 7,08"	200 mm / 7.87"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	67kg / 149.08lbs
JT300/55	300	280 mm / 11,02"	300 mm / 11.81"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	102kg / 226.86lbs
JT400/55	400	380 mm / 14,96"	400 mm / 15.75"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	132kg / 291.67lbs
JT500/55	500	480 mm / 18,89"	500 mm / 19.69"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	170kg / 375.93lbs
JT600/55	600	580 mm / 22,83"	600 mm / 23.62"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	205kg / 453.71lbs
JT700/55	700	680 mm / 26,77"	700 mm / 27.56"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	241kg / 531.49lbs
JT800/55	800	780 mm / 30,70"	800 mm / 31.5"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	273kg / 602.79lbs
JT900/55	900	880 mm / 34,64"	900 mm / 35.43"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	305kg / 674.09lbs
JT1000/55	1000	980 mm / 38,58"	1000 mm / 39.37"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	341kg / 751.86lbs
JT1100/55	1100	1080 mm / 42,51"	1100 mm / 43.31"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	373kg / 823.16lbs
JT1200/55	1200	1180 mm / 46,45"	1200 mm / 47.24"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	402kg / 887.98lbs
JT1300/55	1300	1280 mm / 50,39"	1300 mm / 51.18"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	420kg / 926.87lbs
JT1400/55	1400	1380 mm / 54,33"	1400 mm / 55.12"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	464kg / 1024.09lbs
JT1500/55	1500	1480 mm / 58,26"	1500 mm / 59.06"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	485kg / 1069.46lbs
JT1600/55	1600	1580 mm / 62,20"	1600 mm / 62.99"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	543kg / 1199.09lbs
JT1700/55	1700	1680 mm / 66,14"	1700 mm / 66.93"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	579kg / 1276.87lbs
JT1800/55	1800	1780 mm / 70,07"	1800 mm / 70.87"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	611kg / 1348.17lbs
JT1900/55	1900	1880 mm / 74,01"	1900 mm / 74.8"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	649kg / 1432.43lbs
JT2000/55	2000	1980 mm / 77,95"	2000 mm / 78.74"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	685kg / 1510.21lbs
JT2100/55	2100	2080 mm / 81,88"	2100 mm / 82.68"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	714kg / 1575.03lbs
JT2200/55	2200	2180 mm / 85,82"	2200 mm / 86.61"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	752kg / 1659.29lbs
JT2300/55	2300	2280 mm / 89,76"	2300 mm / 90.55"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	784kg / 1730.58lbs
JT2400/55	2400	2380 mm / 93,70"	2400 mm / 94.49"	X	55 bar / 797,50 psi	50 bar / 725,00 psi	823kg / 1814.85lbs

Ultra High Pressure Joint Testers can be produced according to the customer's requirement can be produce big dimensions Joint Tester and customize with a new design.

ULTRA HIGH PRESSURE JOINT TESTERS



PACKERS



- Packer is an essential product to repair and and rehabilitation of drinking water, waste water, sewer, oil & gas and industrial pipes. They provide a permanent, durable, waterproof and structural repair over leak joints and damaged pipe sections.
- They are generally long and cylindrical so that they can easily fit into defective pipes. They are used in conjunction with wrapped patch fiberglass fabric impregnated with a special artificial resin
- During the applying of repair, packer is inserted into damaged pipe section so that wrapped patch is bonded to the pipe, once positioned at the section point, packer is inflated to press the patch against the damaged pipe wall, resin penetrates the fissures and cavities, the damaged spot and the glass-fiber-fabric insertion piece become firmly connected, after the resin gets hardened the packer is deflated and removed to be used again.
- Packers are applied to drinking water, waste water, sewage, oil & gas and industrial pipes with cracks, broken pieces of pipe, broken branches and cracks, leaky connections, rusted sections.
- If it is requested to continue the flow during the repair, by selecting Packer with bypass feature, the repair is done without interrupting the flow.
- They are available in various sizes and cover pipeline diameters from 25 mm up to 2200 mm
- Although the structure of Packers varies according to the place where they will be used, the concept is the same. They can be divided into several groups as short packers, multi size packers with bypass, multi size lateral packers, multi size bendy packers, top hat packers and rubber bladders
- All they are made of a special rubber guaranteeing strength, resistace and the necessary flexibility so that manhole go through can be made easily.
- All their metal parts are made of corrosion-resistant materials.

SHORT PACKERS WITH METAL CORE



Short Packers With Metal Core are;

- Designed and used for repairing leakage of joints of sewers, drainage systems, pipelines and gullies or leakage of other parts of sewers, drainage systems, pipelines, and gullies.
- Available for pipe diameters from 150 mm (5,90") to 600 mm (23,62").
- Used to repair length for is 600 mm (23,62") as effective.
- Made of corrosion-resistant materials.
- Specified as standard working pressures 1,5 Bar (21,75 psi) and 2,0 Bar (29,00 psi).
- Combine of innermost metal core,
- Replaceable double-layer rubber sleeves are wrapped up metal core
- Wheeled at both side, packer wheels to block tipping over and other corrosion-resistant materials and they have an angle of 120°.



SHORT PACKERS WITH METAL CORE (1,5 BAR/21,75 PSI and 2,0 BAR/29,00 PSI)

Product Code	Nominal Size	Cylinder Length (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
MCP150200	150-200	580mm/22,83"	2,0bar/29,00psi	110mm/4,33"	1020mm/40,15"	65,00mm/2,55"	6,5kg/14,33lbs
MCP250300	250-300	600mm/23,62"	2,0bar/29,00psi	190mm/7,48"	1080mm/42,51"	150,00mm/5,90"	13,0kg/28,66lbs
MCP300400	300-400	525mm/20,66"	1,5bar/21,75psi	240mm/9,44"	1100mm/43,30"	200,00mm/7,87"	16,0kg/35,27lbs
MCP350450	350-450	550mm/21,65"	1,5bar/21,75psi	285mm/11,22"	1100mm/43,30"	245,00mm/9,64"	19,0kg/41,88lbs
MCP500600	500-600	450mm/17,71"	1,5bar/21,75psi	445mm/17,51"	1200mm/47,24"	400,00mm/15,74"	30,0kg/66,13lbs

FLEXIBLE BYPASS PACKERS

Flexible Bypass Packers Are;

- Designed and used for repairing leakage of joints and/or leakage of other parts of sewers, drainage systems, pipelines and gullies.
- Designed with a bypass so that the flow of water can continue during the repair.
- Used the area of packer length form 600 mm (23,62") to 5000 mm (196,85").
- Available for pipe diameters from 100 mm (3,93") to 2200 mm (86,61").
- Specified as standard working pressures with Bypass are specified as 1,0 Bar (15,50 psi), 1,5 Bar (21,75 psi), 2,0 Bar (29,00 psi) and 2,5 Bar (36,25 psi).
- Combine of innermost metal core, they have a single ply of rubber textile covering
- Wheeled at both side with an angle 120°, these wheels provide easily movement inside the pipe
- Easily installed in the pipeline because of their flexibility
- Made of corrosion-resistant materials.



FLEXIBLE BYPASS PACKERS (1,0 BAR / 1,5 BAR, 2,0 BAR and 2,5 BAR)

Product Code	Nominal Size	Cylinder Length (mm/inch)	Min. - Max. Contact (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
FBP100150	100-150	1000mm-5000mm /39,37"-196,85"	C.L-170mm /C.L-6,69"	2,5bar/ 36,25psi	60mm/2,36"	C.L+350mm /C.L+13,77"	NA	1,7kg / 3.75lbs
FBP150250	150-200	1000mm-5000mm /39,37"-196,85"	C.L-225mm /C.L-8,85"	2,0bar/ 29,00psi	116mm/4,56"	C.L+350mm /C.L+13,77"	50,80mm/2"	3,3kg / 7.28lbs
FBP200300	200-300	1000mm-5000mm /39,37"-196,85"	C.L-280mm /C.L-11,02"	2,0bar/ 29,00psi	150mm/5,90"	C.L+350mm /C.L+13,77"	50,80mm/2"	5,4kg / 11.9lbs
FBP300400	300-400	1000mm-5000mm /39,37"-196,85"	C.L-300mm /C.L-11,81"	1,5bar/ 21,75psi	231mm/9,09"	C.L+350mm /C.L+13,77"	33,86mm/4/3"	7,3kg / 16.09lbs
FBP400600	400-600	1000mm-5000mm /39,37"-196,85"	C.L-300mm /C.L-11,81"	1,0bar/ 14,50psi	345mm/13,48"	C.L+350mm /C.L+13,77"	33,86mm/4/3"	11,6kg / 25.57lbs
FBP600800	600-800	1000mm-5000mm /39,37"-196,85"	C.L-300mm /C.L-11,81"	1,0bar/ 14,50psi	444mm/17,48"	C.L+350mm /C.L+13,77"	33,86mm/4/3"	15,5kg / 34.17lbs
FBP600160032	600-1600	3200mm /125,98"	1000mm-2900mm /39,37"-114,71"	1,0bar/ 14,50psi	480mm/18,89"	3300mm /129,92"	101,60mm/4"	90kg / 198.42lbs
FBP600160042	600-1600	4200mm /165,35"	2000mm-2900mm /78,74"-114,71"	1,0bar/ 14,50psi	480mm/18,89"	4300mm /169,29"	101,60mm/4"	110,0kg / 242.51lbs
FBP700200037	700-2000	3700mm /145,66"	2000mm-3500mm /39,37"-137,79"	1,0bar/ 14,50psi	580mm/22,83"	3800mm /149,60"	101,60mm/4"	100,0kg / 220.46lbs
FBP700200047	700-2000	4200mm /185,03"	2000mm-3500mm /78,74"-137,79"	1,0bar/ 14,50psi	580mm/22,83"	4800mm /188,97"	101,60mm/4"	120,0kg / 264.55lbs
FBP800120019	800-1200	1900mm /74,80"	1000mm-1500mm /39,37"-59,05"	1,0bar/ 14,50psi	580mm/22,83"	4800mm /188,97"	101,60mm/4"	60,0kg / 132.28lbs
FBP1000180025	1000-1800	2500mm /98,42"	600mm-2000mm /23,62"-78,74"	1,0bar/ 14,50psi	790mm/31,10"	2600mm /102,36"	101,60mm/4"	70,0kg / 154.32lbs
FBP1000180032	1000-1800	3200mm /125,98"	1400mm-2800mm /55,11"-110,23"	1,0bar/ 14,50psi	790mm/31,10"	3300mm /129,92"	101,60mm/4"	90,0kg / 198.42lbs
FBP1000220032	1000-2200	3200mm /125,98"	700mm-2800mm /27,55"-110,23"	1,0bar/ 14,50psi	790mm/31,10"	3300mm /129,92"	101,60mm/4"	90,0kg / 198.42lbs

MULTI SIZE LATERAL PACKERS

Multi Size Lateral Packers are;

- Designed and used for repairing leakage of joints and other parts of smaller domestic pipelines especially in house connection installations
- Finished at both side with metal cover in order to simplify handling and slipping
- Used the area of packer length form 600 mm (23,62") to 5000 mm (196,85").
- Available for pipe diameters from 25 mm (0,98") to 600 mm (23,62").
- Specified as 1,0 Bar (15,50 psi), 1,5 Bar (21,75 psi), 2,0 Bar (29,00 psi), 2,5 Bar (36,25 psi) and 3,0 Bar (43,51 psi)



MULTI SIZE LATERAL PACKERS (1,0 BAR, 1,5 BAR, 2,0 BAR, 2,5 BAR and 3,0 BAR)

Product Code	Nominal Size	Cylinder Length (mm/inch)	Min. - Max. Contact (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
MLP2535	25-35	600mm-5000mm /23,62"-196,85"	C.L-80mm/C.L-3,14"	3,0bar/43,51psi	20mm/0,78"	C.L+160mm/C.L+6,29"	0,4kg / 0.88lbs
MLP3550	35-50	600mm-5000mm /23,62"-196,85"	C.L-80mm/C.L-3,14"	3,0bar/43,51psi	25mm / 0,98	C.L+160mm/C.L+6,29"	0,5kg / 1.1lbs
MLP5070	50-70	600mm-5000mm /23,62"-196,85"	C.L-150mm/C.L-5,90"	3,0bar/43,51psi	33mm/1,29"	C.L+160mm/C.L+6,29"	0,6kg / 1.32lbs
MLP70100	70-100	600mm-5000mm /23,62"-196,85"	C.L-130mm/C.L-5,11"	3,0bar/43,51psi	51mm/2,00"	C.L+160mm/C.L+6,29"	0,7kg / 1.54lbs
MLP80125	80-125	600mm-5000mm /23,62"-196,85"	C.L-150mm/C.L-5,90"	3,0bar/43,51psi	51mm/2,00"	C.L+160mm/C.L+6,29"	0,7kg / 1.54lbs
MLP100150	100-150	600mm-5000mm /23,62"-196,85"	C.L-200mm/C.L-7,87"	2,5bar/36,25psi	60mm/2,36"	C.L+160mm/C.L+6,29"	1,5kg / 3.31lbs
MLP150200	150-200	600mm-5000mm /23,62"-196,85"	C.L-200mm/C.L-7,87"	2,5bar/36,25psi	80mm/3,14	C.L+160mm/C.L+6,29"	1,7kg / 3.75lbs
MLP150250	150-250	600mm-5000mm /23,62"-196,85"	C.L-200mm/C.L-7,87"	2,0bar/29,00psi	116mm/4,56"	C.L+160mm/C.L+6,29"	1,7kg / 3.75lbs
MLP200300	200-300	1000mm-5000mm /39,37"-196,85"	C.L-280mm/C.L-11,02"	2,0bar/29,00psi	150mm/5,90"	C.L+160mm/C.L+6,29"	2,3kg / 5.07lbs
MLP300400	300-400	1000mm-5000mm /39,37"-196,85"	C.L-280mm/C.L-11,02"	1,5bar/21,75psi	231mm/9,09"	C.L+160mm/C.L+6,29"	4,2kg / 9.26lbs
MLP400500	400-500	1000mm-5000mm /39,37"-196,85"	C.L-290mm/C.L-11,41"	1,0bar/14,50psi	345mm/13,58"	C.L+160mm/C.L+6,29"	5,2kg / 11.46lbs
MLP450600	450-600	1000mm-5000mm /39,37"-196,85"	C.L-300mm/C.L-11,81"	1,0bar/14,50psi	345mm/13,58"	C.L+160mm/C.L+6,29"	6,8kg / 14.99lbs

MULTI SIZE BENDY PACKERS

Multi Size Bendy Packers are;

- Designed and used for repairing leakage of curved joints and other curved parts of pipelines, these parts must have an angle of less than 90°.
- Produced as smooth surface, rubber material of bendy packers assure that the repaired part is flat and without any swell.
- Available for pipe diameters from 50 mm (1,96") to 300 mm (11,80").
- Specified as 2,0 Bar (29,00 psi) and 3,0 Bar (43,51 psi).



MULTI SIZE BENDY PACKERS (2,0 BAR and 3,0 BAR)

Product Code	Nominal Size	Cylinder Length (mm/inch)	Min. Contact (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Product Weight (kg/lbs)
MBP5070	50-70	1250mm/49,21"	1000mm/39,37"	3,0bar/43,51psi	32mm/1,25"	1350mm/53,14"	0,75kg/1.65lbs
MBP7080	70-80	1250mm/49,21"	1000mm/39,37"	3,0bar/43,51psi	50mm/1,96"	1350mm/53,14"	2,0kg/4.41lbs
MBP100125	100-125	1250mm/49,21"	1000mm/39,37"	3,0bar/43,51psi	60mm/2,36"	1350mm/53,14"	3,0kg/6.61lbs
MBP150165	150-165	1250mm/49,21"	1000mm/39,37"	2,0bar/29,00psi	80mm/3,14"	1350mm/53,14"	5,0kg/11.02lbs
MBP170220	170-220	1450mm/57,08"	1200mm/47,24"	2,0bar/29,00psi	115mm/4,52"	1550mm/61,02"	7,0kg/15.43lbs
MBP225250	225-250	1650mm/64,96"	1400mm/55,11"	2,0bar/29,00psi	150mm/5,90"	1750mm/68,89"	9,0kg/19.84lbs
MBP280300	280-300	1750mm/68,89"	1500mm/59,05"	2,0bar/29,00psi	231mm/9,09"	1850mm/72,83"	13,0kg/28.66lbs

TOP HAT PACKERS AND RUBBER BLADDERS

Top Hat Packers and Rubber Bladders are;

- Designed and used for repairing leakage of connections between main and lateral pipes.
- Similar to lateral packers, main difference is they consists of two different materials, top hat packers and rubber bladders,
- Separated from each other. This allows to easy positioning of system and to inflate the top hat packer and rubber bladder separately, using a special rubber bladder can be inserted into joints with little to no wrinkling upon hardening.
- Be combined with each other according to the dimensions of the pipe connection that needs to be repaired.
- Positioned with special push rods.
- Specified as standard working pressures of PLUGLINE Top Hat Packers 2,0 Bar (29,00 psi), 2,5 Bar (36,25 psi) and 3,0 Bar (43,51 psi) and standard working pressure of PLUGLINE Rubber Bladders is specified as 1,5Bar (21,75 psi).



TOP HAT PACKERS (2,0 BAR and 3,0 BAR)

Product Code	Nominal Size	Cylinder Length (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
THP100	100	1000 mm / 39,37"	3,0 bar / 43,51 psi	51 mm / 2,00"	N/A	2,5kg / 5.51lbs
THP150	150	1000 mm / 39,37"	2,5 bar / 36,25 psi	60 mm / 2,36"	N/A	4,5kg / 9.92lbs
THP200225	200-225	1000 mm / 39,37"	2,0 bar / 29,00 psi	116 mm / 4,56"	25,40 mm / 1"	6,5kg / 14.33lbs
THP250300	250-300	1000 mm / 39,37"	2,0 bar / 29,00 psi	125 mm / 4,92"	50,80 mm / 2"	8,5kg / 18.74lbs
THP300350	300-350	1000 mm / 39,37"	2,0 bar / 29,00 psi	150 mm / 5,90"	50,80 mm / 2"	10,5kg / 23.15lbs
THP400450	400-450	1000 mm / 39,37"	2,0 bar / 29,00 psi	200 mm / 7,87"	50,80 mm / 2"	16,0kg / 35.27lbs
THP500550	500-550	1000 mm / 39,37"	2,0 bar / 29,00 psi	250 mm / 9,84"	50,80 mm / 2"	20,0kg / 44.09lbs
THP600650	600-650	1000 mm / 39,37"	2,0 bar / 29,00 psi	345 mm / 13,58"	50,80 mm / 2"	28,0kg / 61.73lbs

TOP HAT RUBBER BLADERS

Product Code	Nominal Size	Cylinder Length (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Air Connection
THRB40	40	120 mm / 4,72"	1,5 bar / 21,75 psi	30 mm / 1,18"	M6
THRB100	100	130 mm / 5,11"	1,5 bar / 21,75 psi	48 mm / 1,88"	M6
THRB150	150	135 mm / 5,31"	1,5 bar / 21,75 psi	77 mm / 3,03"	M6

TOP HAT PACKERS AND RUBBER BLADDERS





PLUGLINE

**MECHANICAL
PIPE PLUGS**

**MECHANICAL
PIPE TEST PLUGS**

HIGH PRESSURE ALUMINUM PIPE TEST PLUGS

High Pressure Aluminum Pipe Test Plugs are;

- Used to block sewer pipes, to repair and maintenance work, effective tools for the quick and reliable sealing or closing of drainage systems, pipelines, sewers, and gullies.
- Aluminum plates combine strength with lightness.
- Being install easily and can be used until 100 ° C.
- Mainly used to make hydro testing in pipes for with water or air.
- Available from 200mm up to 1000mm diameter, different sizes available upon request.
- Supplied to order as chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) gasket.
- Used for high back pressure requirements of 6 bar and even more if needed.



HIGH PRESSURE ALUMINUM TENSIONER PIPE TEST PLUGS

High Pressure Aluminum Tensioner Pipe Test Plugs are;

- Highly valued in the water system organizations, construction industry, civil engineering and rescue and fire brigades.
- Expanded in localized areas via multiple compression points and via tensions around the perimeter of the plug enables the strong seal.
- Being installed easily and can be used until 100 ° C.
- Mainly used to make hydro testing in pipes for with water or air.
- Supplied to order as chemical, Oil and Gas resistant NBR (Nitrile Butadiene Rubber) gasket.
- Used for high back pressure requirements of 6 bar and even more if needed.



HIGH PRESSURE ALUMINUM PIPE TEST PLUGS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Back Pressure (bar/psi)	Bypass Diameter (mm/inch)	Product Diameter (mm/inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
HATP200	200mm/7.87"	193mm/7.6"	206mm/8.11"	6,0bar/87,02psi	12,70mm/1/2"	192mm/7.56"	80mm/3.15"	3,8kg/8.38lbs
HATP250	250mm/9.84"	244mm/9.61"	257mm/10.12"	6,0bar/87,02psi	12,70mm/1/2"	242mm/9.53"	80mm/3.15"	4,5kg/9.92lbs
HATP300	300mm/11.81"	290mm/11.42"	310mm/12.2"	6,0bar/87,02psi	12,70mm/1/2"	289mm/11.38"	80mm/3.15"	6,8kg/14.99lbs
HATP350	350mm/13.78"	345mm/13.58"	360mm/14.17"	6,0bar/87,02psi	12,70mm/1/2"	342mm/13.46"	80mm/3.15"	8kg/17.64lbs
HATP400	400mm/15.75"	396mm/15.59"	412mm/16.22"	6,0bar/87,02psi	12,70mm/1/2"	390mm/15.35"	80mm/3.15"	10kg/22.05lbs
HATP450	450mm/17.72"	445mm/17.52"	460mm/18.11"	6,0bar/87,02psi	12,70mm/1/2"	444mm/17.48"	80mm/3.15"	12kg/26.46lbs
HATP500	500mm/19.69"	490mm/19.29"	508mm/20"	6,0bar/87,02psi	12,70mm/1/2"	489mm/19.25"	80mm/3.15"	14kg/30.86lbs
HATP550	550mm/21.65"	540mm/21.26"	560mm/22.05"	6,0bar/87,02psi	12,70mm/1/2"	539mm/21.22"	80mm/3.15"	16kg/35.27lbs
HATP600	600mm/23.62"	590mm/23.23"	610mm/24.02"	6,0bar/87,02psi	12,70mm/1/2"	589mm/23.19"	80mm/3.15"	19kg/41.89lbs
HATP650	650mm/25.59"	640mm/25.2"	660mm/25.98"	6,0bar/87,02psi	12,70mm/1/2"	639mm/25.16"	80mm/3.15"	20,7kg/45.64
HATP700	700mm/27.56"	690mm/27.17"	710mm/27.95"	6,0bar/87,02psi	12,70mm/1/2"	689mm/27.13"	80mm/3.15"	lbs22,3kg/49.16
HATP750	750mm/29.53"	740mm/29.13"	760mm/29.92"	6,0bar/87,02psi	12,70mm/1/2"	739mm/29.09"	80mm/3.15"	lbs25kg/55.12
HATP800	800mm/31.5"	790mm/31.1"	810mm/31.89"	6,0bar/87,02psi	12,70mm/1/2"	789mm/31.06"	80mm/3.15"	lbs27kg/59.52
HATP850	850mm/33.46"	840mm/33.07"	860mm/33.86"	6,0bar/87,02psi	12,70mm/1/2"	839mm/33.03"	80mm/3.15"	lbs27kg/59.52lbs

HIGH PRESSURE ALUMINUM TENSIONER PIPE TEST PLUGS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Back Pressure (bar/psi)	Bypass Diameter (mm/inch)	Product Diameter (mm/inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
HATTP200	200mm/7.87"	193mm / 7.6"	206mm / 8.11"	6,0bar/87,02psi	12,70mm/1/2"	192mm / 7.56"	80mm/3.15"	5,7kg/12.57lbs
HATTP250	250mm/9.84"	244mm / 9.61"	257mm / 10.12"	6,0bar/87,02psi	12,70mm/1/2"	242mm / 9.53"	80mm/3.15"	6,8kg/14.99lbs
HATTP300	300mm/11.81"	290mm / 11.42"	310mm / 12.2"	6,0bar/87,02psi	12,70mm/1/2"	289mm / 11.38"	80mm/3.15"	10,2kg/22.49lbs
HATTP350	350mm/13.78"	345mm / 13.58"	360mm / 14.17"	6,0bar/87,02psi	12,70mm/1/2"	342mm / 13.46"	80mm/3.15"	12kg/26.46lbs
HATTP400	400mm/15.75"	396mm / 15.59"	412mm / 16.22"	6,0bar/87,02psi	12,70mm/1/2"	390mm / 15.35"	80mm/3.15"	15kg/33.07lbs
HATTP450	450mm/17.72"	445mm / 17.52"	460mm / 18.11"	6,0bar/87,02psi	12,70mm/1/2"	444mm / 17.48"	80mm/3.15"	18kg/39.68lbs
HATTP500	500mm/19.69"	490mm / 19.29"	508mm / 20"	6,0bar/87,02psi	12,70mm/1/2"	489mm / 19.25"	80mm/3.15"	21kg/46.3lbs
HATTP550	550mm/21.65"	540mm / 21.26"	560mm / 22.05"	6,0bar/87,02psi	12,70mm/1/2"	539mm / 21.22"	80mm/3.15"	24kg/52.91lbs
HATTP600	600mm/23.62"	590mm / 23.23"	610mm / 24.02"	6,0bar/87,02psi	12,70mm/1/2"	589mm / 23.19"	80mm/3.15"	29kg/63.93lbs
HATTP650	650mm/25.59"	640mm / 25.2"	660mm / 25.98"	6,0bar/87,02psi	12,70mm/1/2"	639mm / 25.16"	80mm/3.15"	31kg/68.34lbs
HATTP700	700mm/27.56"	690mm / 27.17"	710mm / 27.95"	6,0bar/87,02psi	12,70mm/1/2"	689mm / 27.13"	80mm/3.15"	34kg/74.95lbs
HATTP750	750mm/29.53"	740mm / 29.13"	760mm / 29.92"	6,0bar/87,02psi	12,70mm/1/2"	739mm / 29.09"	80mm/3.15"	38kg/83.78lbs
HATTP800	800mm/31.5"	790mm / 31.1"	810mm / 31.89"	6,0bar/87,02psi	12,70mm/1/2"	789mm / 31.06"	80mm/3.15"	41kg/90.39lbs
HATTP850	850mm/33.46"	840mm / 33.07"	860mm / 33.86"	6,0bar/87,02psi	12,70mm/1/2"	839mm / 33.03"	80mm/3.15"	44kg/97lbs

STEEL TEST PLUGS

Steel Test Plugs are;

- Designed for testing and locating leaks of sewers, drainage systems, pipelines, and gullies.
- Mainly used for testing with air or water.
- Made of steel, the outside is surrounded by NBR. This gasket parts of PLUGLINE Steel Test Plugs can be changed with other materials according to customer needs and application requirement.
- Available for pipe diameters from 36 mm (1,41") to 558 mm (21,96"). In addition to this Steel Test Plugs have lesser or larger working pressure that can be produced.
- Produced as double seals plug according to customer needs and application requirements.



STEEL TEST PLUGS (0,2 bar/2,9 psi and 2,0 bar / 29,00 psi)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Back Pressure (bar/psi)	Bypass Diameter (mm/inch)	Product Diameter (mm/inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
STP40	40mm / 1.57"	36 mm / 1,41"	50 mm / 1,96"	2,0 bar / 29,00 psi	12,70 mm / 1/2"	35mm / 1.38"	35mm / 1.38"	0.2kg / 0.44lbs
STP50	50mm / 1.97"	50 mm / 1,96"	60 mm / 2,36"	2,0 bar / 29,00 psi	12,70 mm / 1/2"	40mm / 1.57"	40mm / 1.57"	0.3kg / 0.66lbs
STP65	65mm / 2.56"	60 mm / 2,36"	75 mm / 2,95"	2,0 bar / 29,00 psi	12,70 mm / 1/2"	57mm / 2.24"	55mm / 2.17"	0.45kg / 0.99lbs
STP75	80mm / 3.15"	70 mm / 2,75"	85 mm / 3,34"	1,2 bar / 17,40 psi	12,70 mm / 1/2"	67mm / 2.64"	55mm / 2.17"	0.7kg / 1.54lbs
STP90	90mm / 3.54"	85 mm / 3,34"	100 mm / 3,93"	1,2 bar / 17,40 psi	12,70 mm / 1/2"	80mm / 3.15"	55mm / 2.17"	0.85kg / 1.87lbs
STP100	100mm / 3.94"	95 mm / 3,74"	105 mm / 4,13"	0,6 bar / 8,70 psi	12,70 mm / 1/2"	95mm / 3.74"	55mm / 2.17"	1kg / 2.2lbs
STP115	115mm / 4.53"	110 mm / 4,33"	125 mm / 4,92"	0,6 bar / 8,70 psi	12,70 mm / 1/2"	110mm / 4.33"	55mm / 2.17"	1.2kg / 2.65lbs
STP125	125mm / 4.92"	120 mm / 4,72"	140 mm / 5,51"	0,6 bar / 8,70 psi	12,70 mm / 1/2"	120mm / 4.72"	55mm / 2.17"	1.3kg / 2.87lbs
STP150	150mm / 5.91"	145 mm / 5,70"	160 mm / 6,29"	0,5 bar / 7,25 psi	12,70 mm / 1/2"	145mm / 5.71"	55mm / 2.17"	1.5kg / 3.31lbs
STP175	175mm / 6.89"	175 mm / 6,88"	200 mm / 7,87"	0,4 bar / 5,80 psi	12,70 mm / 1/2"	170mm / 6.69"	55mm / 2.17"	1.7kg / 3.75lbs
STP200	200mm / 7.87"	195 mm / 7,67"	215 mm / 8,46"	0,4 bar / 5,80 psi	12,70 mm / 1/2"	195mm / 7.68"	55mm / 2.17"	2kg / 4.41lbs
STP225	225mm / 8.86"	210 mm / 8,26"	230 mm / 9,05"	0,4 bar / 5,80 psi	12,70 mm / 1/2"	220mm / 8.66"	55mm / 2.17"	2.3kg / 5.07lbs
STP250	250mm / 9.84"	245 mm / 9,64"	260 mm / 10,23"	0,4 bar / 5,80 psi	12,70 mm / 1/2"	245mm / 9.65"	55mm / 2.17"	2.6kg / 5.73lbs
STP300	300mm / 11.81"	296 mm / 11,65"	320 mm / 12,59"	0,3 bar / 4,35 psi	12,70 mm / 1/2"	295mm / 11.61"	55mm / 2.17"	3.5kg / 7.72lbs
STP350	350mm / 13.78"	340 mm / 13,38"	385 mm / 15,15"	0,3 bar / 4,35 psi	12,70 mm / 1/2"	345mm / 13.58"	55mm / 2.17"	4kg / 8.82lbs

INFLATABLE METAL TEST PLUGS

Inflatable Metal Test Plugs are;

- Designed for testing and sealing of sewers, drainage systems, pipelines, and gullies.
- Consists of a robust metal core with a passageway and a high-quality rubber jacket, inflatable via an valve.
- Ideal for leak locating and testing with air or water.
- Available for pipe diameters from 200 mm (7,87") to 1000 mm (39,37"). Beside these plugs can be produced for higher or lower diameters.
- Specified as standard working pressure 6,0 Bar (87,02 psi).



INFLATABLE METAL TEST PLUGS (6,0 BAR/87,02 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
ISMTP150	150	135 mm / 5,31"	150 mm / 5,9"	6,0bar/87,02psi	130 mm / 25,40"	110 mm / 4,33"	25,4 mm / 1,00"	2 kg / 4,40 lbs
ISMTP200	200	190 mm / 7,4"	210 mm / 8,26"	6,0bar/87,02psi	185 mm / 7,28"	110 mm / 4,33"	25,4 mm / 1,00"	2,7 kg / 5,95 lbs
ISMTP250	250	245 mm / 9,64"	255 mm / 10,03"	6,0bar/87,02psi	230 mm / 9,05"	110 mm / 4,33"	25,4 mm / 1,00"	3,9 kg / 8,59 lbs
ISMTP300	300	290 mm / 11,41"	305 mm / 12,00"	6,0bar/87,02psi	280 mm / 11,02"	110 mm / 4,33"	50,8 mm / 2,00"	4,9 kg / 10,80 lbs
ISMTP350	350	345 mm / 13,58"	360 mm / 14,17"	6,0bar/87,02psi	330 mm / 12,99"	110 mm / 4,33"	50,8 mm / 2,00"	5,9 kg / 13,00 lbs
ISMTP400	400	390 mm / 15,35"	405 mm / 15,94"	6,0bar/87,02psi	380 mm / 14,96"	110 mm / 4,33"	50,8 mm / 2,00"	7,0 kg / 15,43 lbs
ISMTP450	450	445 mm / 17,5"	460 mm / 18,11"	6,0bar/87,02psi	440 mm / 17,32"	160 mm / 6,29"	50,8 mm / 2,00"	15,7 kg / 34,61 lbs
ISMTP500	500	495 mm / 19,48"	505 mm / 19,88"	6,0bar/87,02psi	485 mm / 19,09"	160 mm / 6,29"	50,8 mm / 2,00"	17,0 kg / 37,47 lbs
ISMTP600	600	590 mm / 23,22"	610 mm / 24,01"	6,0bar/87,02psi	585 mm / 23,03"	160 mm / 6,29"	50,8 mm / 2,00"	20,0 kg / 44,09 lbs
ISMTP700	700	690 mm / 27,16"	710 mm / 27,95"	6,0bar/87,02psi	685 mm / 26,96"	160 mm / 6,29"	50,8 mm / 2,00"	24,0 kg / 52,91 lbs
ISMTP800	800	790 mm / 31,10"	810 mm / 31,88"	6,0bar/87,02psi	785 mm / 30,90"	160 mm / 6,29"	50,8 mm / 2,00"	34,0 kg / 74,95 lbs
ISMTP1000	1000	990 mm / 38,97"	1010 mm / 39,76"	6,0bar/87,02psi	985 mm / 38,77"	160 mm / 6,29"	50,8 mm / 2,00"	46,0 kg / 101,41 lbs
ISMTP1200	1200	1080 mm / 42,51"	1180 mm / 46,45"	6,0bar/87,02psi	1080 mm / 42,51"	160 mm / 6,29"	50,8 mm / 2,00"	52 kg / 114,63 lbs

MECHANICAL PIPE PLUGS



Mechanical Pipe Plugs are;

- Mechanical Pipe Plugs are available for pipe diameters 1/4" to 8" (6mm to 200mm) as standard production, it is also possible to produce them in higher sizes.
- With metal parts made of galvanized steel. Pipe plugs for blocking and testing pipelines, suitable for back pressures up to 6 bar
- They can be usable at copper, steel, aluminum, HDPE pipes, to block the pipes for repair or testing, easily installed inside of them.
- Withstand pressure are so high, suitable up to 12 bar at 70 degrees.

MECHANICAL PIPE TEST PLUGS

Mechanical Pipe Test Plugs are;

- Mechanical Pipe Test Plugs have bypass inside to make hydrotest at pipes diameters 1/4" to 8" (6mm to 200mm) as standard production, higher sizes can be produced to order.
- They can be suitable to test the pipes as copper, steel, aluminum, hdpe and etc.
- Test can be performed up to 12 bar working pressure at 70 degree tests, can be produced for higher pressure upon request.
- They have wide usage area such as construction as well air conditioning, heating, refrigeration.



MECHANICAL PIPE PLUGS

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Max. Working Pressure (bar/psi)	Back Pressure (bar/psi)	Product Weight (kg/lbs)
MPP6	1/4"	6mm/0.24"	6,5mm/0.26"	5,5mm/0.22"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.1kg/0.22lbs
MPP9	3/8"	9mm/0.35"	10mm/0.39"	8,5mm/0.33"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.15kg/0.33lbs
MPP12	1/2"	12mm/0.47"	13mm/0.51"	11,5mm/0.45"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.2kg/0.44lbs
MPP30	1 1/4"	29mm/1.14"	32mm/1.26"	28mm/1.1"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.4kg/0.88lbs
MPP38	1 1/2"	38mm/1.5"	40mm/1.57"	37mm/1.46"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.45kg/0.99lbs
MPP50	2"	49mm/1.93"	51mm/2.01"	47mm/1.85"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	0.6kg/1.32lbs
MPP75	3"	74mm/2.91"	77mm/3.03"	72mm/2.83"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	1kg/2.2lbs
MPP100	4"	98mm/3.86"	102mm/4.02"	96mm/3.78"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	1.5kg/3.31lbs
MPP150	6"	148mm/5.83"	153mm/6.02"	146mm/5.75"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	2.5kg/5.51lbs
MPP200	8"	195mm/7.68"	202mm/7.95"	192mm/7.56"	60mm/2.36"	12,0bar/174,04psi	6,0bar/87,02psi	4kg/8.82lbs

MECHANICAL PIPE TEST PLUGS

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Max. Working Pressure (bar/psi)	Back Pressure (bar/psi)	Product Weight (kg/lbs)
MTP6	1/4"	6mm/0.24"	6,5mm/0.26"	5,5mm/0.22"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.2kg/0.44lbs
MTP9	3/8"	9mm/0.35"	10mm/0.39"	8,5mm/0.33"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.25kg/0.55lbs
MTP12	1/2"	12mm/0.47"	13mm/0.51"	11,5mm/0.45"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.3kg/0.66lbs
MTP30	1 1/4"	29mm/1.14"	32mm/1.26"	28mm/1.1"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.5kg/1.1lbs
MTP38	1 1/2"	38mm/1.5"	40mm/1.57"	37mm/1.46"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.55kg/1.21lbs
MTP50	2"	49mm/1.93"	51mm/2.01"	47mm/1.85"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	0.7kg/1.54lbs
MTP75	3"	74mm/2.91"	77mm/3.03"	72mm/2.83"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	1.1kg/2.43lbs
MTP100	4"	98mm/3.86"	102mm/4.02"	96mm/3.78"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	1.6kg/3.53lbs
MTP150	6"	148mm/5.83"	153mm/6.02"	146mm/5.75"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	2.6kg/5.73lbs
MTP200	8"	195mm/7.68"	202mm/7.95"	192mm/7.56"	60mm/2.36"	12,70mm/1/4"	12,0bar/174,04psi	6,0bar/87,02psi	4.1kg/9.04lbs

MECHANICAL DOUBLE SEAL PIPE TEST PLUGS

Mechanical Double Seal Pipe Test Plugs are;

- The plugs are used to make hydro testing up to 16 bar until 70 degrees, being double seal allows them to test up to higher pressures up to 16 and more if request.
- They have sturdy and lasting with a chemically resistant neoprene gasket They can be usable not only for temporary usage but also for permanent usage.
- They can be easily installed without needed or required tools.



MECHANICAL DOUBLE SEAL PIPE TEST PLUGS

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max Backpressure (bar/PSI)	Bypass Diameter (inch)	Tightening Torque (N.m)	Product Diameter (mm/inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
MDSTP6	6	6mm / 0.24"	6.5mm / 0.26"	10bar/145psi	1/4" Coupling	H.T	5.5mm / 0.22"	75mm / 2.95"	0.15kg / 0.33lbs
MDSTP10	9	9mm / 0.35"	10mm / 0.39"	10bar/145psi	1/4" Coupling	H.T	8.5mm / 0.33"	80mm / 3.15"	0.18kg / 0.4lbs
MDSTP12	12	12mm / 0.47"	13mm / 0.51"	10bar/145psi	1/4" Coupling	H.T	11mm / 0.43"	80mm / 3.15"	0.2kg / 0.44lbs
MDSTP15	15	15mm / 0.59"	15mm / 0.59"	10bar/145psi	1/4" Coupling	H.T	13mm / 0.51"	100mm / 3.94"	0.3kg / 0.66lbs
MDSTP20	20	19mm / 0.75"	20mm / 0.79"	10bar/145psi	1/4" Coupling	H.T	18mm / 0.71"	100mm / 3.94"	0.3kg / 0.66lbs
MDSTP30	30	29mm / 1.14"	32mm / 1.26"	10bar/145psi	1/4" Coupling	40	27mm / 1.06"	110mm / 4.33"	0.4kg / 0.88lbs
MDSTP38	38	37mm / 1.46"	40mm / 1.57"	10bar/145psi	1/4" Coupling	40	35mm / 1.38"	115mm / 4.53"	0.5kg / 1.1lbs
MDSTP50	50	49mm / 1.93"	51mm / 2.01"	10bar/145psi	1/4" Coupling	50	47mm / 1.85"	165mm / 6.5"	1.5kg / 3.31lbs
MDSTP60	60	58mm / 2.28"	61mm / 2.4"	10bar/145psi	1/4" Coupling	70	57mm / 2.24"	165mm / 6.5"	2.5kg / 5.51lbs
MDSTP75	75	74mm / 2.91"	77mm / 3.03"	10bar/145psi	1/4" Coupling	85	72mm / 2.83"	175mm / 6.89"	3.5kg / 7.72lbs
MDSTP100	100	98mm / 3.86"	102mm / 4.02"	8bar/116psi	1/4" Coupling	105	95mm / 3.74"	175mm / 6.89"	4.5kg / 9.92lbs
MDSTP125	125	122mm / 4.8"	127mm / 5"	8bar/116psi	1/4" Coupling	120	120mm / 4.72"	175mm / 6.89"	6.5kg / 14.33lbs
MDSTP150	150	147mm / 5.79"	153mm / 6.02"	6bar/87psi	1/4" Coupling	140	145mm / 5.71"	175mm / 6.89"	8.5kg / 18.74lbs
MDSTP200	200	197mm / 7.76"	202mm / 7.95"	6bar/87psi	1/4" Coupling	145	195mm / 7.68"	175mm / 6.89"	11kg / 24.25lbs
MDSTP250	250	247mm / 9.72"	252mm / 9.92"	4bar/58psi	1/4" Coupling	150	245mm / 9.65"	180mm / 7.09"	14kg / 30.86lbs
MDSTP300	300	297mm / 11.69"	302mm / 11.89"	2bar/29psi	1/4" Coupling	160	295mm / 11.61"	180mm / 7.09"	18kg / 39.68lbs

MECHANICAL DOUBLE SEAL PIPE TEST PLUGS



CPLUGLINE

**MULTI SIZE
MANHOLE PIPE
TEST PLUGS**

**LOW BACK
PRESSURE
PIPE TEST PLUGS**

MULTI SIZE MANHOLE PIPE TEST PLUGS

Multi Size Manhole Pipe Test Plugs are;

- Designed for sealing of manholes.
- Mainly used for testing sealings of manholes.
- Available for pipe diameters from 600 mm (23,62") to 1000 mm (39,37"). Beside these plugs for higher or lower diameters can be produced.
- Specified as standard working pressure 1,5 Bar (21,75 psi). in addition to this Multi Size Manhole Pipe Test Plugs have higher working pressures can be produced.



MULTI SIZE MANHOLE PIPE TEST PLUGS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
MSMTP600650A	600-650	600mm/23,62"	650mm/25,59"	1,5bar/21,75psi	580mm/22,83"	250mm/9,84"	2x6,35mm/2x1/4"	5,0kg/11,02lbs
MSMTP600650B	600-650	600mm/23,62"	650mm/25,59"	1,5bar/21,75psi	580mm/22,83"	250mm/9,84"	50,80mm/2"	5,5kg/12,12lbs
MSMTP10001050A	1000-1050	1000mm/39,37"	1050mm/41,33"	1,5bar/21,75psi	980mm/38,58"	250mm/9,84"	2x6,35mm/2x1/4"	9,0kg/19,84lbs
MSMTP10001050B	1000-1050	1000mm/39,37"	1050mm/41,33"	1,5bar/21,75psi	980mm/38,58"	250mm/9,84"	50,80mm/2"	9,5kg/20,94lbs
MSMTP800850A	800-850	800mm/31,49"	850mm/33,46"	1,5bar/21,75psi	780mm/30,70"	250mm/9,84"	2x6,35mm/2x1/4"	7,0kg/15,43lbs
MSMTP800850B	800-850	800mm/31,49"	850mm/33,46"	1,5bar/21,75psi	780mm/30,70"	250mm/9,84"	50,80mm/2"	7,5kg/16,53lbs

BACK PRESSURE IN CONCRETE DRY PIPE

PLUGLINE Multi Size Manhole Pipe Test Plugs have 0,2 Bar (2,90 psi) Back Pressure in concrete dry pipe for every size of product.

LOW BACK PRESSURE PIPE TEST PLUGS

Low Back Pressure Pipe Test Plugs are;

- Used for pipe joints air leak testing and blanking off, maximum air leak test pressure in pipe diameter is 0.01 bar, 0,001 MPa (100 mm of water column).
- Used to close the pipes that will not be used for a while, to protect the pipes from dust and dirt that may come from outside during the production process.
- Cover a big range of sizes, a 1000mm pipe can be covered by using the 900/1100mm plugs.
- Easy to use and maintain.



LOW BACK PRESSURE PIPE TEST PLUGS (1,5 BAR/21,75 PSI)

Product Code	Nominal Size	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Max. Working Pressure (bar/psi)	Product Diameter (mm/inch)	Total Length of Product (mm/inch)	Bypass Diameter (mm/inch)	Product Weight (kg/lbs)
LBTP300400	300-400	300mm/11.81"	400mm/15.75"	1,5bar/21,75psi	280mm/11.02"	250mm/9,84"	2x6,35mm/2x1/4"	2kg/4.41lbs
LBTP400500	400-500	400mm/15.75"	500mm/19.69"	1,5bar/21,75psi	380mm/14.96"	250mm/9,84"	2x6,35mm/2x1/4"	3kg/6.61lbs
LBTP500600	500-600	500mm/19.69"	600mm/23.62"	1,5bar/21,75psi	480mm/18.9"	250mm/9,84"	2x6,35mm/2x1/4"	4kg/8.82lbs
LBTP600700	600-700	600mm/23.62"	700mm/27.56"	1,5bar/21,75psi	580mm/22.83"	250mm/9,84"	2x6,35mm/2x1/4"	5kg/11.02lbs
LBTP700800	700-800	700mm/27.56"	800mm/31.5"	1,5bar/21,75psi	680mm/26.77"	250mm/9,84"	2x6,35mm/2x1/4"	6kg/13.23lbs
LBTP800900	800-900	800mm/31.5"	900mm/35.43"	1,5bar/21,75psi	780mm/30.71"	250mm/9,84"	2x6,35mm/2x1/4"	7kg/15.43lbs
LBTP9001100	900-1100	900mm/35.43"	1100mm/43.31"	1,5bar/21,75psi	880mm/34.65"	250mm/9,84"	2x6,35mm/2x1/4"	8kg/17.64lbs

CPUGLINE

**INFLATABLE
LIFTING BAGS**

**INFLATABLE
LEAK SEALING
BAGS**



INFLATABLE LIFTING BAGS

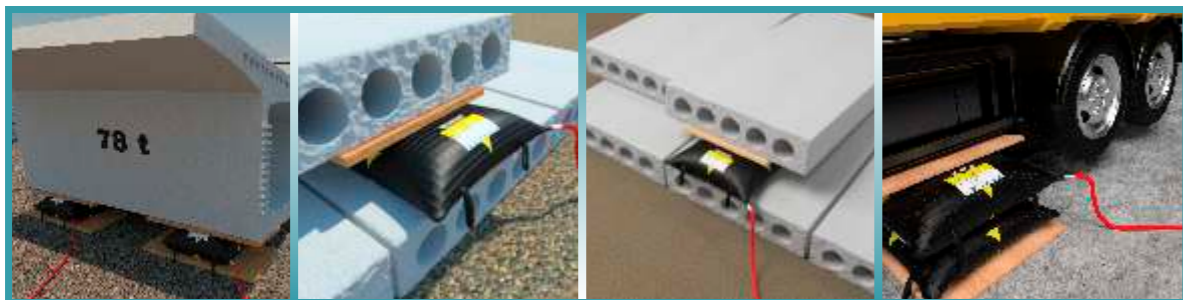


Inflatable Lifting Bags are;

- Lightweight and easily portable.
- Air-powered bags, they are used for lifting, moving, spreading and fixing loads.
- Used worldwide by rescue and recovery teams also for moving heavy objects during natural disasters, in the road and rail accidents.
- Being widely applied at installation, and remote maintenance of all types of pipelines, used for cracking and removal of stone blocks.
- They are made at high quality rubber and slip-resistant top surface.
- Craftsmanship in combination with stringent quality control ensures safe operation.
- Available in 12 sizes with capacities from 1 to 76 tons. Maximum working pressure: 8 bar in order can be produce higher pressure and size. Burst Pressure > 32 bar, Thickness: 22 mm. All product shall be tested with multiply 1,5 of (12 bar)

INFLATABLE LIFTING BAGS

Product Code	Max. Lifting Thrust (t)	Max. Lifting Height (mm)	Wide (mm)	Length Size (mm)	Weight (kg)	Air Requirement (lt)	Inflation Time (sec)	Carrying Handle	Working Pressure (bar)
ILB115	1,15 t	75 mm	140 mm	140 mm	0,4 kg	2,9	0,5	X	8 bar
ILB350	3,5 t	100 mm	260 mm	200 mm	1,0 kg	15,5	1,3	X	8 bar
ILB620	6,2 t	170 mm	300 mm	300 mm	2,0 kg	40,0	2,0	4	8 bar
ILB2030	10,3 t	210 mm	380 mm	380 mm	3,8 kg	85,0	5,0	4	8 bar
ILB1300	13 t	170 mm	300 mm	600 mm	4,0 kg	115,0	8,0	4	8 bar
ILB1840	18,4 t	290 mm	500 mm	500 mm	6,4 kg	198,0	12,0	4	8 bar
ILB2430	24,3 t	200 mm	330 mm	1000 mm	9,1 kg	215,0	12,0	4	8 bar
ILB2700	27 t	360 mm	600 mm	600 mm	9,8 kg	380,0	20,0	4	8 bar
ILB3700	37 t	420 mm	700 mm	700 mm	13,5 kg	630,0	30,0	4	8 bar
ILB4870	48,7 t	470 mm	800 mm	800 mm	17,8 kg	945,0	53,0	4	8 bar
ILB6200	62 t	500 mm	900 mm	900 mm	21,0 kg	1450,0	70,0	4	8 bar
ILB7600	76,8 t	590 mm	1000 mm	1000 mm	24,5 kg	1580,0	90,0	4	8 bar



INFLATABLE CAR LIFTING BAGS



Inflatable Car Lifting Bags are;

- Inflatable/Pneumatic air-powered bags, they are used for lifting automobile, trucks, buses, forklifts, tractors, construction machinery, vans, caravans can be quickly, flexibly, and safely raised using PLUGLINE Pneumatic vehicle lifting bags.
- Easy to place under a vehicle and is inflated by means of any compressed air source.
- Turn, lifts or moves the load without needing a hand-cranked jack or other manual lifting equipment.
- Multiple Catch Bags may be used for larger vehicles or objects.
- Strong and durable, uniformly distribute lift pressure across a large surface area, making them suitable for lifting at weak points of a vehicle such as the roof, sides, wings, bonnet.

INFLATABLE CAR LIFTING BAGS (0,5 BAR/7,25 PSI)

Product Code	Max. Lifting Thrust (t)	Max. Lifting Height (mm)	Dimensions (mm)	Insertion Height (mm)	Working Pressure (bar)
ICLB	1,10 t	550 mm	700 x 90 x 700 mm	90 mm	0,5
ICLB	4,40 t	550 mm	700 x 110 x 700 mm	110 mm	0,5



INFLATABLE LEAK SEALING BAGS

Inflatable Leak Sealing Bags are;

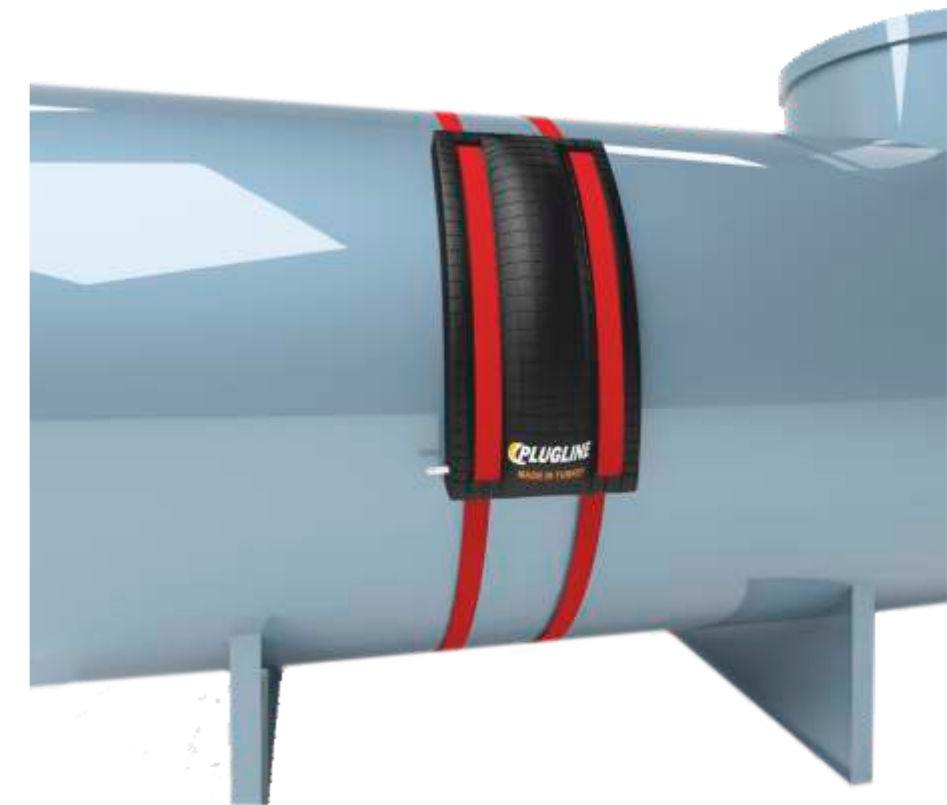
- Used to seal leaks in tanks, tank trucks and wagons
- Used to seal large drums and pipes, to seal cracks in different branches of industry, such as road and sewer construction and civil engineering.
- Suitable for all containers with a diameter between 300mm to 600mm
- Used with :
working pressure 1,5 bar, surface pressure 1,4 bar
working pressure 6 bar, surface pressure 5,9 bar
- Reinforced anti-expansion cover plate



INFLATABLE LEAK SEALING BAGS (1,5bar/21,75psi)

Product Code	Product Width (mm)	Product Length (mm)	Thickness (mm)	Max. Working Pressure (bar)	Product Weight (kg)	Surface Pressure (bar)
ILSB300600A	300	600	20	1,5	7	1,4
ILSB300600B	300	600	50	6	10	5,9

INFLATABLE LEAK SEALING BAGS



PLUGLINE



**CLEANING
BALLS FOR
PIPELINES**

**PROTECTIVE
SLEEVES**



CLEANING BALLS FOR PIPELINES

Cleaning Balls For Pipelines are;

- PLUGLINE Cleaning Balls for Pipelines allow to clean pipelines from dirt and any other unwanted materials like grease oil.
- PLUGLINE Cleaning Balls for Pipelines have a spiral shape for better cleaning effect.



Cleaning Ball size (mm)	70 - 100	100 - 150	150 - 200	200 - 250	250 - 300	300 - 350	400 - 450	500 - 550	600 - 650
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PROTECTIVE SLEEVES

Protective Sleeves are;

- PLUGLINE Protective Sleeves are designed and used for covering pipe stoppers. They are needed to protect stoppers and prevent cuts for its surface from sharp objects or else.
- PLUGLINE Protective Sleeves don't effect the back pressure of pipe stoppers.
- PLUGLINE Protective Sleeves are available for pipe diameters from 50 mm (1,96") to 2000 mm (78,74").



Product Code	Nominal Size (mm/inch)	Product Weight (kg/lbs)
PS50100	50 mm - 100 mm / 1,96" - 3,93"	0,2 kg / 0,44 lbs
PS70150	70 mm - 150 mm / 2,75" - 5,90"	0,3 kg / 0,66 lbs
PS100200	100 mm - 200 mm / 3,93" - 7,87"	0,4 kg / 0,88 lbs
PS150300	150 mm - 300 mm / 5,90" - 11,81"	0,6 kg / 1,32 lbs
PS200400	200 mm - 400 mm / 7,87" - 15,74"	1,8 kg / 3,96 lbs
PS200500	200 mm - 500 mm / 7,87" - 19,68"	2,4 kg / 5,29 lbs
PS300600	300 mm - 600 mm / 11,81" - 23,62"	3,7 kg / 8,15 lbs
PS375750	375 mm - 750 mm / 14,76" - 29,52"	6,0 kg / 13,22 lbs
PS5001000	500 mm - 1000 mm / 19,68" - 39,37"	8,0 kg / 17,63 lbs
PS6001200	600 mm - 1200 mm / 23,62" - 47,24"	12,0 kg / 26,45 lbs
PS6001600	600 mm - 1600 mm / 23,62" - 62,99"	17,0 kg / 37,47 lbs
PS8002000	800 mm - 2000 mm / 31,49" - 78,74"	28,0 kg / 61,72 lbs

A. FOOT PUMPS

- Foot pumps are used for inflating small size inflatable products by using foot-power
- Inflatable products are inflated by the piston used in the pumps.
- Applying pressure can be read from the gauge that attached the Foot Pumps



A. FOOT PUMPS WITH DOUBLE PISTONS

- Foot pumps are used for inflating small size inflatable products by using foot-power
- Inflatable products are inflated by the double pistons used in the pumps.
- Applying pressure can be read from the gauge that attached to the Foot Pumps.



B. MANUAL PUMPS

- Manual Pumps are designed and used for inflating our inflatable products by using hand-power.
- Applying pressure can be read from the gauge that attached to the Manual Pumps.



C. MANUAL PUMP ADAPTER

- Manual Pump Adapters are designed and used for adjusting air entry through to inside the inflatable products.



D. AIR TEST ADAPTER

- Air Test Adapters are designed and used as inflating hose and used for testing applying pressures to our inflatable products.
- Applying pressure can be read from the gauge that attached to the hoses that belong to Air Test Adapters.

Product Code	Thread Size (mm/inch)	Type (mm/inch)
ATA14	6,35 mm / 1/4"	2 x 6,35 mm / 2 x 1/4"
ATA12	12,70 mm / 1/2"	2 x 6,35 mm / 2 x 1/4"
ATA1	25,40 mm / 1"	2 x 6,35 mm / 2 x 1/4"
ATA2	50,80 mm / 2"	2 x 6,35 mm / 2 x 1/4"
ATA4	101,60 mm / 4"	2 x 6,35 mm / 2 x 1/4"
ATA6	152,40 mm / 6"	2 x 25,40 mm / 2 x 1"



E. AIR FILLING APPARATUSES WITH GAUGE

- Air Filling Apparatuses with Gauge allow to fill inflatable products and measure applying pressure.

Product Code	Dial (bar/psi)
AFAWG001	16,0 bar / 232,06 psi



F. INFLATION CONTROLLERS

- PLUGLINE Inflation Controllers are designed and used to read applying pressures to our inflatable products.
- Applying pressure can be read from the PLUGLINE Inflation Controllers.

SPECIFICATIONS TABLE ACCORDING TO PRESSURE DIAL OF GAUGE

Product Code	Pressure Dial of Gauge (bar/psi)
IC15	1,5 bar / 21,75 psi
IC25	2,5 bar / 36,25 psi
IC30	2,5 bar / 36,25 psi
IC60	6,0 bar / 87,02 psi
IC80	8,0 bar / 116,03 psi



G. INFLATION HOSE

- PLUGLINE Inflation Hoses are designed and used to apply pressures to our inflatable products.

SPECIFICATIONS TABLE ACCORDING TO LENGTH OF HOSE

Product Code	Inner Diameter (mm/inch)	Length of Hose (m/inch)
IH106	10 mm / 0,39"	6 m / 236,22"
IH1012	10 mm / 0,39"	12 m / 472,44"



H. ROPE COATED INFLATION HOSES

- PLUGLINE Rope Coated Inflation Hoses are designed and used to apply pressures to our inflatable products.
- The hooks and the rope around the hoses provide security. This product is used in case of heavy duty.

SPECIFICATIONS TABLE ACCORDING TO LENGTH OF HOSE

Product Code	Inner Diameter (mm/inch)	Length of Hose (m/inch)
RCIH106	10 mm / 0,39"	6 m / 236,22"
RCIH1012	10 mm / 0,39"	12 m / 472,44"



I. PUSH RODS

- PLUGLINE Push Rods are designed and used to locating plug or any inflatable product to wanting position in pipe or somewhere else.

SPECIFICATIONS TABLE ACCORDING TO LENGTH OF HOSE

Product Code	Length of Stick (m/inch)
PR6	0,6 m / 23,62"
PR10	1 m / 39,37"
PR15	1,5 m / 59,05"
PR20	2 m / 78,74"



J. AIR AND WATER TEST ADAPTER

- PLUGLINE Air and Water Test Adapters are designed and used to measure pressures of pipeline systems. They are usually used while testing of locating leakages of pipeline systems with air or water and it is used as a fitting that connecting gauge and compressor hose.

SPECIFICATIONS TABLE ACCORDING TO THREAD SIZE

Product Code	Thread Size (mm/inch)
AWTA1	25,40 mm / 1"
AWTA2	50,80 mm / 2"
AWTA3	76,20 mm / 3"
AWTA4	101,60 mm / 4"
AWTA6	152,40 mm / 6"



K. WATER HOSES

- PLUGLINE Water Hoses are designed and used to transfer water or liquid to desired location.

SPECIFICATIONS TABLE ACCORDING TO THREAD SIZE

Product Code	Thread Size (mm/inch)	Hose Length (m/inch)
WH1	25,40 mm / 1"	10 m / 393,70"
WH2	50,80 mm / 2"	10 m / 393,70"
Wh3	76,20 mm / 3"	10 m / 393,70"
WH4	101,60 mm / 4"	10 m / 393,70"
WH6	152,40 mm / 6"	10 m / 393,70"



L. AIR TEST HOSES WITH MANOMETER

- PLUGLINE Air Test Hoses with Manometer allow to measure pressure inside of pipelines with read back function while testing with air.

SPECIFICATIONS TABLE ACCORDING TO LENGTH OF HOSE

Product Code	Length of Hose (m/inch)
AHWM6	6 m / 236,22"
AHWM12	12 m / 472,44"



M. WATER GAUGES FOR WATER TEST

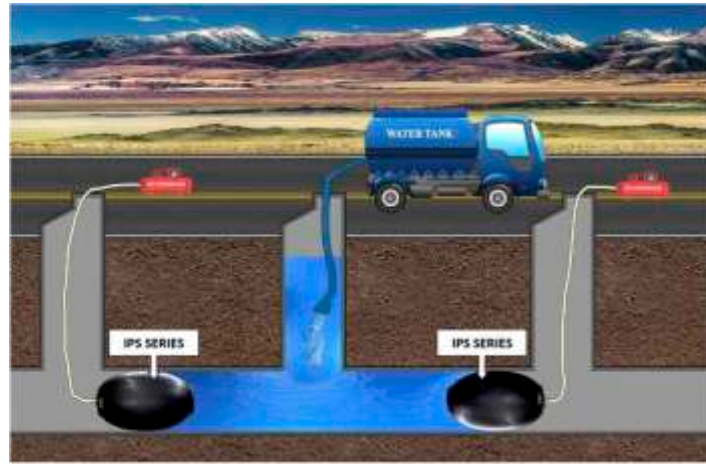
- PLUGLINE Water Gauges allow to measure pressure inside of pipelines with read back function while testing with water.

SPECIFICATIONS TABLE ACCORDING TO LENGTH OF HOSE

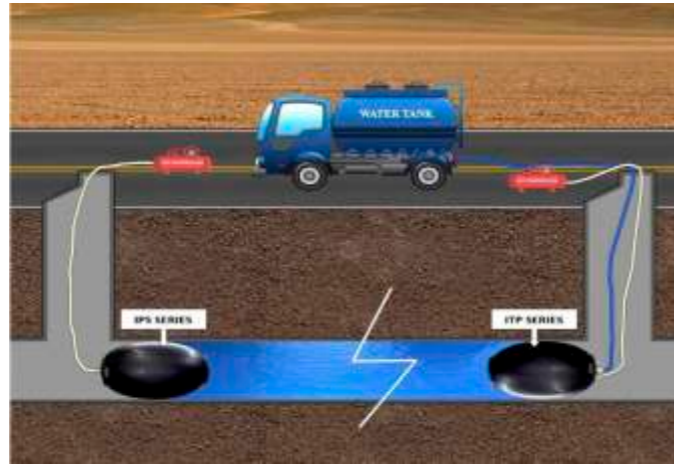
Product Code	Size (mm/inch)
WGFWT14	6,35 mm / 1/4"



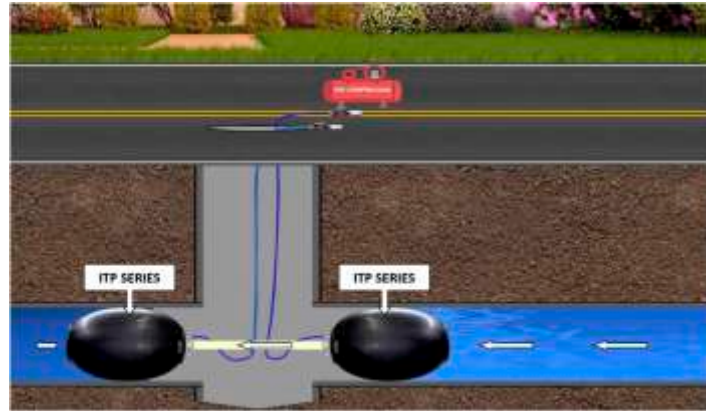
APPLICATION SKETCH



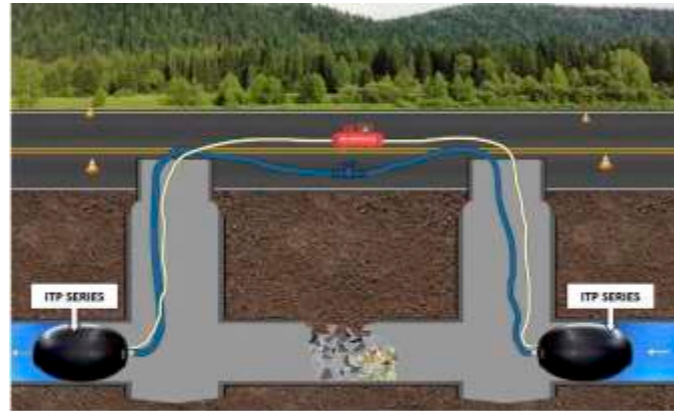
Picture-1
IPS series in pipeline water filling testing



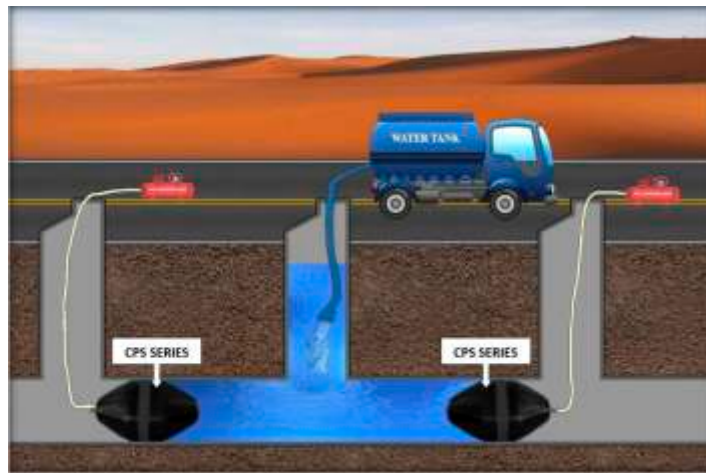
Picture-2
IPS and ITP series in pipeline drainage testing



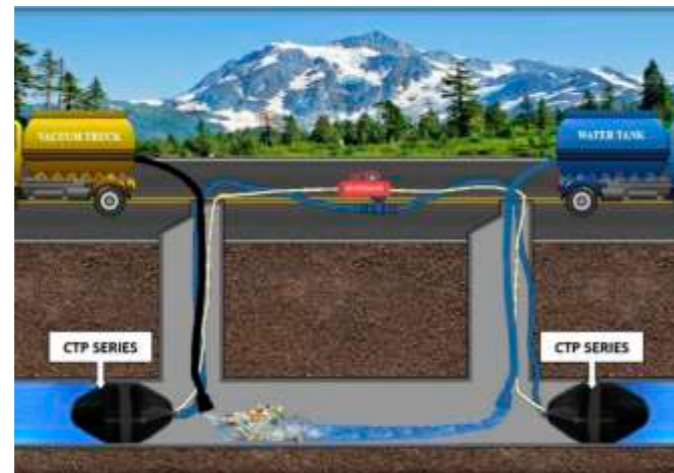
Picture-3
ITP series in pipeline bypass application sketch



Picture-4
ITP series in pipeline water leak bypassing

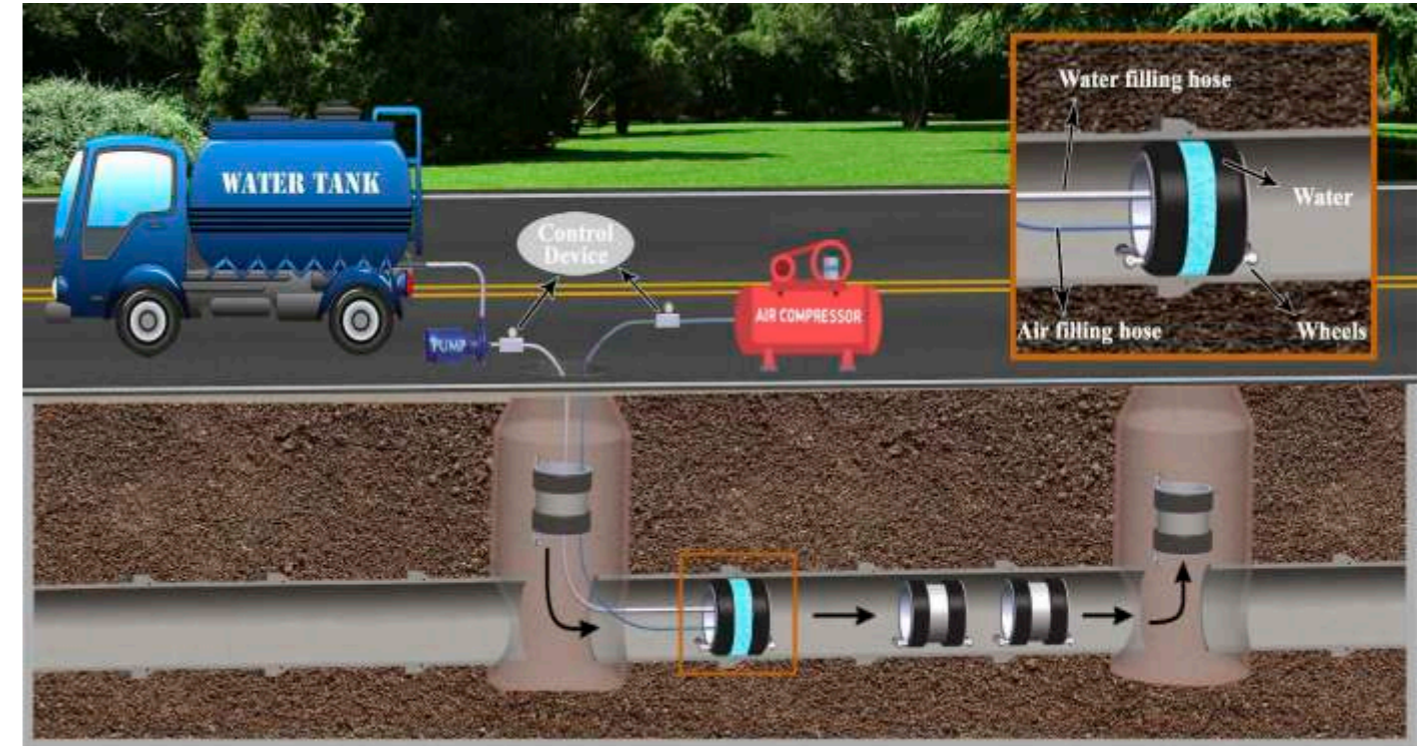


Picture-5
CPS series in pipeline application sketch

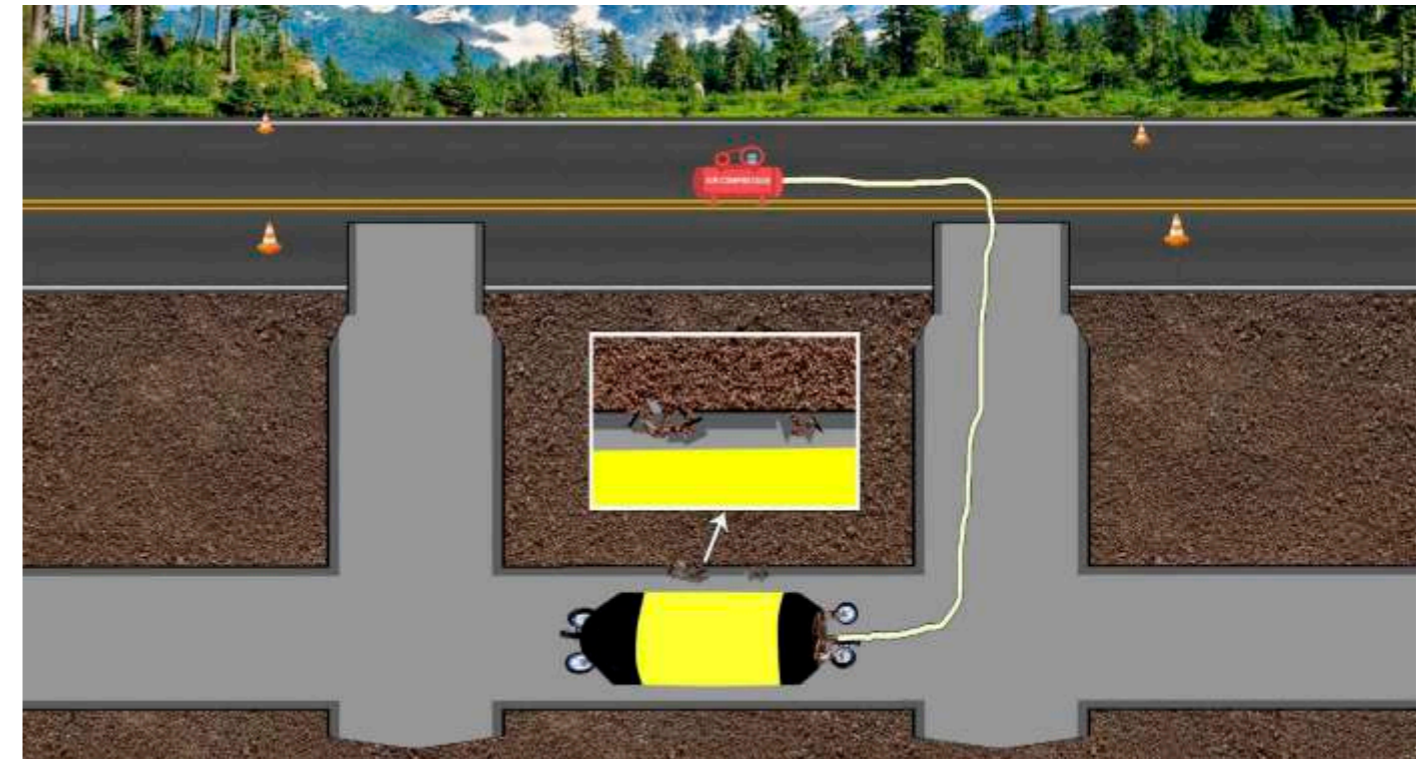


Picture-6
CTP series in pipeline water bypassing for cleaning

APPLICATION SKETCH



Picture-7
Joint Tester series in pipeline hydrostatic with water or air testing pipe joint points



Picture-8
Short Packer series in pipeline pipe leak repairing application sketch

JOINT TESTER APPLICATION IN THE PIPELINE



a totalien brand

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