



TOTTIGHT STEEL TEST PLUG

DATA SHEET

High-performance sealing, blocking and pressure-testing solution for large-diameter pipelines.



**0.1 TO 0.5
BAR**

BACK
PRESSURE



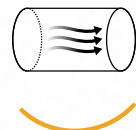
**-20°C TO
+80°C**

OPERATING
TEMPERATURE



**325 MM TO
2000 MM**

NOMINAL
SIZE RANGE



2" BYPASS

STANDARD
CONNECTION



SECURE SEAL



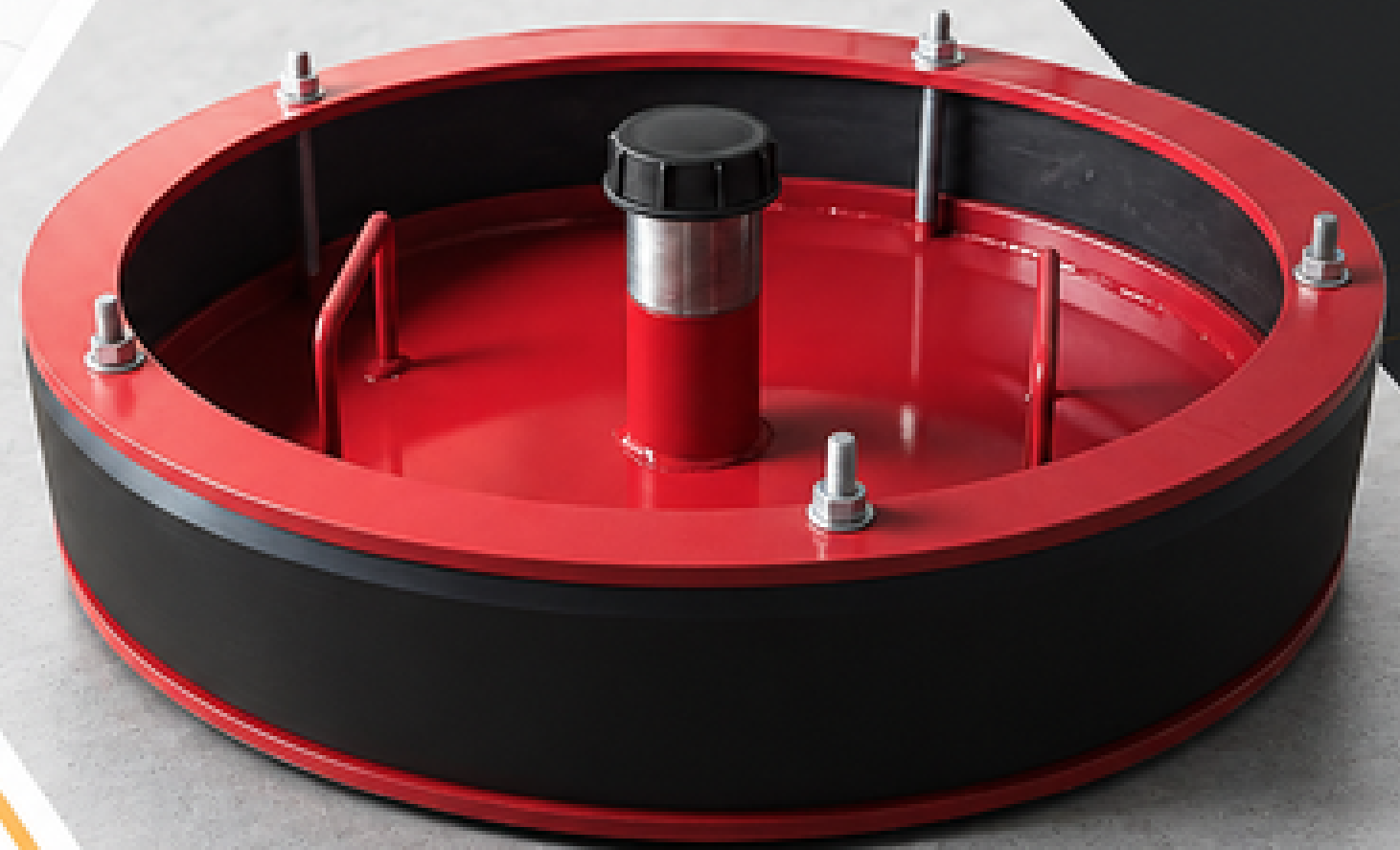
WITH 2" BYPASS



CUSTOMIZABLE



REUSABLE



BUILT TO SEAL. TESTED TO TRUST.

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TOTTIGHT STEEL TEST PLUG

LARGE-DIAMETER SEALING. CONTROLLED TESTING.

The Plugline Tottight Steel Test Plug is a mechanically expandable solution designed for temporary sealing, isolation and low-pressure testing of large-diameter pipelines. Tightening the compression bolts draws the steel plates together, compressing the elastomeric sealing element and expanding it radially against the internal pipe wall.

A standard 2-inch bypass connection enables controlled filling, venting, draining and pressure release. Available in nominal sizes from 325 mm to 2000 mm, the product provides back-pressure resistance from 0.1 bar to 0.5 bar, depending on the selected model.



FEATURES

BACK-PRESSURE RESISTANCE

From 0.1 bar to 0.5 bar, depending on the selected plug size.

LARGE-DIAMETER RANGE

Nominal sizes from 325 mm to 2000 mm.

MULTI-BOLT SEALING SYSTEM

Compression bolts provide controlled and uniform radial expansion of the elastomeric seal.

STANDARD 2" BYPASS

Supports controlled filling, venting, draining and pressure release.

ROBUST REUSABLE CONSTRUCTION

Steel construction designed for repeated sealing and testing operations when correctly inspected and maintained.

SEAL MATERIAL OPTIONS

Available with NR/SBR, CR or EPDM elastomeric sealing elements according to application requirements.

SEALING TODAY.
PROTECTING TOMORROW

APPLICATIONS

- Large-diameter water and wastewater pipelines
- Sewer and stormwater systems
- Pipeline testing and leak detection
- Temporary pipe isolation during maintenance
- Flow diversion and controlled bypass operations
- Industrial and municipal pipeline projects

TECHNICAL SPECIFICATIONS

Nominal Size Range	325 mm–2000 mm
Applicable Pipe I.D. Range	315 mm–2030 mm, depending on model
Back Pressure	0.1–0.5 bar / 1.45–7.25 psi, depending on model
Operating Temperature	–20°C to +80°C, subject to selected seal material
Body Material	Steel
Seal Materials	NR/SBR, CR or EPDM
Tightening Mechanism	Multi-bolt flange compression system
Bypass Diameter	2" standard
Customization	Available according to application requirements
Product Length	126.4–215 mm, depending on model

PRODUCT RANGE

Product Code	Nominal Size (mm)	Min. Pipe Inner Dia. to be tested (mm/inch)	Max. Pipe Inner Dia. to be tested (mm/inch)	Product Diameter (mm/inch)	SCH STD Pipe Inner Diameter (mm/inch)	Back Pressure (bar/psi)	Bypass Diameter (inch)	Product Length (mm/inch)	Product Weight (kg/lbs)
TSTP325	325	315mm/12.4"	355mm/13.98"	310mm/12.2"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	8,19kg/18,05lbs
TSTP350	350	337mm/13,27"	380mm/14,96"	335mm/13,19"	336,54mm/13,25"	0,5bar/7,25psi	2"	126,4mm/4,98"	9,21kg/20,3lbs
TSTP375	375	365mm/14,37"	405mm/15,94"	360mm/14,17"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	10,18kg/22,44lbs
TSTP400	400	387mm/15,24"	430mm/16,93"	385mm/15,16"	387,34mm/15,25"	0,5bar/7,25psi	2"	126,4mm/4,98"	11,2kg/24,68lbs
TSTP425	425	415mm/16,34"	455mm/17,91"	410mm/16,14"	-	0,5bar/7,25psi	2"	126,4mm/4,98"	12,26kg/27,02lbs
TSTP450	450	438mm/17,24"	480mm/18,9"	435mm/17,13"	437,94mm/17,24"	0,3bar/4,35psi	2"	126,4mm/4,98"	13,37kg/29,47lbs
TSTP475	475	465mm/18,31"	505mm/19,88"	460mm/18,11"	-	0,3bar/4,35psi	2"	126,4mm/4,98"	14,53kg/32,02lbs
TSTP500	500	489mm/19,25"	530mm/20,87"	485mm/19,09"	488,94mm/19,25"	0,3bar/4,35psi	2"	126,4mm/4,98"	15,73kg/34,66lbs
TSTP525	525	515mm/20,28"	555mm/21,85"	510mm/20,08"	-	0,3bar/4,35psi	2"	126,4mm/4,98"	17,07kg/37,62lbs
TSTP550	550	540mm/21,26"	580mm/22,83"	535mm/21,06"	539,94mm/21,26"	0,2bar/2,9psi	2"	126,4mm/4,98"	18,36kg/40,47lbs
TSTP575	575	565mm/22,24"	605mm/23,82"	560mm/22,05"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	19,71kg/43,43lbs
TSTP600	600	590mm/23,23"	630mm/24,8"	585mm/23,03"	590,94mm/23,27"	0,2bar/2,9psi	2"	126,4mm/4,98"	21,11kg/46,53lbs
TSTP625	625	615mm/24,21"	655mm/25,79"	610mm/24,02"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	22,53kg/49,65lbs
TSTP650	650	640mm/25,2"	680mm/26,77"	635mm/25"	640,94mm/25,23"	0,2bar/2,9psi	2"	126,4mm/4,98"	24kg/52,9lbs
TSTP675	675	665mm/26,18"	705mm/27,76"	660mm/25,98"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	25,72kg/56,68lbs
TSTP700	700	690mm/27,17"	730mm/28,74"	685mm/26,97"	691,94mm/27,24"	0,2bar/2,9psi	2"	126,4mm/4,98"	27,29kg/60,14lbs
TSTP725	725	715mm/28,15"	755mm/29,72"	710mm/27,95"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	28,91kg/63,71lbs
TSTP750	750	740mm/29,13"	780mm/30,71"	735mm/28,94"	742,94mm/29,25"	0,2bar/2,9psi	2"	126,4mm/4,98"	30,57kg/67,38lbs
TSTP775	775	765mm/30,12"	805mm/31,69"	760mm/29,92"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	32,28kg/71,15lbs
TSTP800	800	790mm/31,1"	830mm/32,68"	785mm/30,91"	793,94mm/31,26"	0,2bar/2,9psi	2"	126,4mm/4,98"	35,05kg/77,25lbs
TSTP825	825	815mm/32,09"	855mm/33,66"	810mm/31,89"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	39,2kg/86,39lbs
TSTP850	850	840mm/33,07"	880mm/34,65"	835mm/32,87"	844,94mm/33,27"	0,2bar/2,9psi	2"	126,4mm/4,98"	41,16kg/90,71lbs
TSTP875	875	865mm/34,06"	905mm/35,63"	860mm/33,86"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	43,16kg/95,13lbs
TSTP900	900	890mm/35,04"	930mm/36,61"	885mm/34,84"	894,94mm/35,23"	0,2bar/2,9psi	2"	126,4mm/4,98"	45,2kg/99,62lbs
TSTP925	925	915mm/36,02"	955mm/37,6"	910mm/35,83"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	47,32kg/104,28lbs
TSTP950	950	940mm/37,01"	980mm/38,58"	935mm/36,81"	945,94mm/37,24"	0,2bar/2,9psi	2"	126,4mm/4,98"	49,54kg/109,18lbs
TSTP975	975	965mm/37,99"	1005mm/39,57"	960mm/37,8"	-	0,2bar/2,9psi	2"	126,4mm/4,98"	51,65kg/113,84lbs
TSTP1000	1000	990mm/38,98"	1030mm/40,55"	985mm/38,78"	996,94mm/39,25"	0,2bar/2,9psi	2"	160mm/6,3"	71,09kg/156,68lbs
TSTP1025	1025	1015mm/39,96"	1055mm/41,54"	1010mm/39,76"	-	0,1bar/1,45psi	2"	160mm/6,3"	74,03kg/163,17lbs
TSTP1050	1050	1040mm/40,94"	1080mm/42,52"	1035mm/40,75"	1047,94mm/41,26"	0,1bar/1,45psi	2"	160mm/6,3"	80,81kg/178,11lbs
TSTP1075	1075	1065mm/41,93"	1105mm/43,5"	1060mm/41,73"	-	0,1bar/1,45psi	2"	160mm/6,3"	83,68kg/184,44lbs
TSTP1100	1100	1090mm/42,91"	1130mm/44,49"	1085mm/42,72"	1098,94mm/43,27"	0,1bar/1,45psi	2"	160mm/6,3"	86,69kg/191,06lbs
TSTP1125	1125	1115mm/43,9"	1155mm/45,47"	1110mm/43,7"	-	0,1bar/1,45psi	2"	160mm/6,3"	89,91kg/198,16lbs
TSTP1150	1150	1140mm/44,88"	1180mm/46,46"	1135mm/44,69"	1148,94mm/45,23"	0,1bar/1,45psi	2"	160mm/6,3"	94,03kg/207,24lbs
TSTP1175	1175	1165mm/45,87"	1205mm/47,44"	1160mm/45,67"	-	0,1bar/1,45psi	2"	160mm/6,3"	97,17kg/214,16lbs
TSTP1200	1200	1190mm/46,85"	1230mm/48,43"	1185mm/46,65"	1199,94mm/47,24"	0,1bar/1,45psi	2"	160mm/6,3"	100,71kg/221,96lbs
TSTP1225	1225	1215mm/47,83"	1255mm/49,41"	1210mm/47,64"	-	0,1bar/1,45psi	2"	160mm/6,3"	103,94kg/229,08lbs
TSTP1250	1250	1240mm/48,82"	1280mm/50,39"	1235mm/48,62"	-	0,1bar/1,45psi	2"	160mm/6,3"	107,17kg/236,2lbs
TSTP1275	1275	1265mm/49,8"	1305mm/51,38"	1260mm/49,61"	-	0,1bar/1,45psi	2"	160mm/6,3"	111,07kg/244,79lbs
TSTP1300	1300	1290mm/50,79"	1330mm/52,36"	1285mm/50,59"	-	0,1bar/1,45psi	2"	160mm/6,3"	114,14kg/251,56lbs
TSTP1325	1325	1315mm/51,77"	1355mm/53,35"	1310mm/51,57"	-	0,1bar/1,45psi	2"	160mm/6,3"	118,37kg/260,88lbs
TSTP1350	1350	1340mm/52,76"	1380mm/54,33"	1335mm/52,56"	-	0,1bar/1,45psi	2"	160mm/6,3"	121,53kg/267,85lbs
TSTP1375	1375	1365mm/53,74"	1405mm/55,31"	1360mm/53,54"	-	0,1bar/1,45psi	2"	160mm/6,3"	124,83kg/275,13lbs
TSTP1400	1400	1390mm/54,72"	1430mm/56,3"	1385mm/54,53"	-	0,1bar/1,45psi	2"	160mm/6,3"	132,2kg/291,36lbs
TSTP1425	1425	1415mm/55,71"	1455mm/57,28"	1410mm/55,51"	-	0,1bar/1,45psi	2"	160mm/6,3"	136,09kg/299,95lbs
TSTP1450	1450	1440mm/56,69"	1480mm/58,27"	1435mm/56,5"	-	0,1bar/1,45psi	2"	160mm/6,3"	139,64kg/307,76lbs
TSTP1475	1475	1465mm/57,68"	1505mm/59,25"	1460mm/57,48"	-	0,1bar/1,45psi	2"	160mm/6,3"	143,63kg/316,57lbs
TSTP1500	1500	1490mm/58,66"	1530mm/60,24"	1485mm/58,46"	-	0,1bar/1,45psi	2"	213mm/8,39"	171,84kg/378,73lbs
TSTP1525	1525	1515mm/59,65"	1555mm/61,22"	1510mm/59,45"	-	0,1bar/1,45psi	2"	213mm/8,39"	174,96kg/385,62lbs
TSTP1550	1550	1540mm/60,63"	1580mm/62,2"	1535mm/60,43"	-	0,1bar/1,45psi	2"	213mm/8,39"	181,46kg/399,94lbs
TSTP1575	1575	1565mm/61,61"	1605mm/63,19"	1560mm/61,42"	-	0,1bar/1,45psi	2"	213mm/8,39"	184,56kg/406,78lbs
TSTP1600	1600	1590mm/62,6"	1630mm/64,17"	1585mm/62,4"	-	0,1bar/1,45psi	2"	213mm/8,39"	189,61kg/417,91lbs
TSTP1625	1625	1615mm/63,58"	1655mm/65,16"	1610mm/63,39"	-	0,1bar/1,45psi	2"	213mm/8,39"	192,75kg/424,83lbs
TSTP1650	1650	1640mm/64,57"	1680mm/66,14"	1635mm/64,37"	-	0,1bar/1,45psi	2"	213mm/8,39"	198,3kg/437,06lbs
TSTP1675	1675	1665mm/65,55"	1705mm/67,13"	1660mm/65,35"	-	0,1bar/1,45psi	2"	213mm/8,39"	201,96kg/445,12lbs
TSTP1700	1700	1690mm/66,54"	1730mm/68,11"	1685mm/66,34"	-	0,1bar/1,45psi	2"	213mm/8,39"	202,09kg/445,4lbs
TSTP1725	1725	1715mm/67,52"	1755mm/69,09"	1710mm/67,32"	-	0,1bar/1,45psi	2"	213mm/8,39"	211,6kg/466,36lbs
TSTP1750	1750	1740mm/68,5"	1780mm/70,08"	1735mm/68,31"	-	0,1bar/1,45psi	2"	213mm/8,39"	216,7kg/477,62lbs
TSTP1775	1775	1765mm/69,49"	1805mm/71,06"	1760mm/69,29"	-	0,1bar/1,45psi	2"	213mm/8,39"	220,23kg/485,39lbs
TSTP1800	1800	1790mm/70,47"	1830mm/72,05"	1785mm/70,28"	-	0,1bar/1,45psi	2"	215mm/8,46"	270,02kg/595,12lbs
TSTP1825	1825	1815mm/71,46"	1855mm/73,03"	1810mm/71,26"	-	0,1bar/1,45psi	2"	215mm/8,46"	275,7kg/607,64lbs
TSTP1850	1850	1840mm/72,44"	1880mm/74,02"	1835mm/72,24"	-	0,1bar/1,45psi	2"	215mm/8,46"	286,95kg/632,44lbs
TSTP1875	1875	1865mm/73,43"	1905mm/75"	1860mm/73,23"	-	0,1bar/1,45psi	2"	215mm/8,46"	293,86kg/647,66lbs
TSTP1900	1900	1890mm/74,41"	1930mm/75,98"	1885mm/74,21"	-	0,1bar/1,45psi	2"	215mm/8,46"	301,01kg/663,42lbs
TSTP1925	1925	1915mm/75,39"	1955mm/76,97"	1910mm/75,2"	-	0,1bar/1,45psi	2"	215mm/8,46"	306,04kg/674,51lbs
TSTP1950	1950	1940mm/76,38"	1980mm/77,95"	1935mm/76,18"	-	0,1bar/1,45psi	2"	215mm/8,46"	310,53kg/684,41lbs
TSTP1975	1975	1965mm/77,36"	2005mm/78,94"	1960mm/77,17"	-	0,1bar/1,45psi	2"	215mm/8,46"	318,27kg/701,47lbs
TSTP2000	2000	1990mm/78,35"	2030mm/79,92"	1985mm/78,15"	-	0,1bar/1,45psi	2"	215mm/8,46"	326,39kg/719,37lbs

*Other sizes and custom pressure ratings available upon request.

