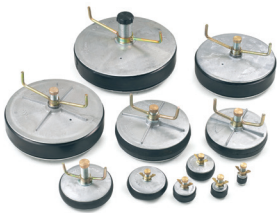


Expandable test plugs for purging and general pipe blocking

Pipe stoppers, or drain plugs, as they are sometimes known, are used to temporarily seal the end of a pipe or opening for many different testing applications. Pipe stoppers are mainly used to seal off from water, gases and foreign objects in newly laid pipes, or pipework systems that are under repair.

PPM Pipe Purge System range of pipe stoppers are available in a number of different styles to suit many applications for pipe sizes from 1½" - 72". Special Pipe stoppers are also available for pressure testing.



Aluminium Plugs - 1½" - 36" (40 mm - 900 mm)

To complement the range of nylon expanding plugs, we offer all sizes of Aluminium plugs. These are provided in sizes from 1½" upwards and are suitable for more arduous duties such as immersion in chemicals and/or higher temperatures.

How it works

A central spindle/shaft on which two plates are fitted with a natural rubber tire (ring) between them, a wing nut on the shaft moving the two plates together compressing the tire and making the seal in the pipe. These stoppers can also be supplied with a hollow shaft version for screwing on standard hose connections or for using fixed or free nipple caps.

Expandable Pipe Stoppers are available in three different types.

PART NO.	PIPE SIZE INTERNAL NOMINAL DIAMETER		WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX. WEIGHT
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
ALUMINIUM EXPANDING PIPE STOPPERS SPECIFICATION									
AES1.5	40 mm	1½"	38 mm	50 mm	45 mm	94 mm	½"	30 p.s.i.	1 lbs. / 0.17 kg
AES2	50 mm	2"	49 mm	62 mm	43 mm	90 mm	½"	30 p.s.i.	1 lbs. / 0.22 kg
AES2.5	65 mm	2½"	62 mm	77 mm	43 mm	92 mm	½"	30 p.s.i.	1 lbs. / 0.27 kg
AES3	75 mm	3"	73 mm	89 mm	43 mm	94 mm	½"	20 p.s.i.	1 lbs. / 0.31 kg
AES3.5	90 mm	3½"	84 mm	103 mm	53 mm	96 mm	½"	15 p.s.i.	1 lbs. / 0.36 kg
AES4	100 mm	4"	94 mm	110 mm	47 mm	94 mm	½"	10 p.s.i.	1 lbs. / 0.36 kg
AES4.5	114 mm	4½"	112 mm	130 mm	56 mm	140 mm	½"	10 p.s.i.	1 lbs. / 0.47 kg
AES5	125 mm	5"	125 mm	142 mm	60 mm	95 mm	½"	10 p.s.i.	1 lbs. / 0.79 kg
AES6	150 mm	6"	146 mm	168 mm	48 mm	96 mm	½"	10 p.s.i.	1 lbs. / 0.70 kg
AES7	175 mm	7"	175 mm	200 mm	64 mm	100 mm	1"	7 p.s.i.	4 lbs. / 1.92 kg
AES8	200 mm	8"	193 mm	220 mm	64 mm	100 mm	1"	7 p.s.i.	3 lbs. / 1.59 kg
AES9	225 mm	9"	220 mm	240 mm	64 mm	170 mm	1"	7 p.s.i.	4 lbs. / 2.06 kg
AES10	250 mm	10"	245 mm	270 mm	73 mm	178 mm	1"	7 p.s.i.	5 lbs. / 2.52 kg
AES11	275 mm	11"	274 mm	328 mm	100 mm	200 mm	1"	7 p.s.i.	7 lbs. / 3.45 kg
AES12	300 mm	12"	295 mm	325 mm	77 mm	200 mm	1"	7 p.s.i.	7 lbs. / 3.42 kg
AES13	325 mm	13"	325 mm	360 mm	120 mm	230 mm	1"	5 p.s.i.	10 lbs. / 4.75 kg
AES14	350 mm	14"	350 mm	385 mm	110 mm	215 mm	1"	5 p.s.i.	15 lbs. / 6.95 kg
AES15	375 mm	15"	370 mm	410 mm	110 mm	225 mm	1"	5 p.s.i.	11 lbs. / 5.35 kg
AES16	400 mm	16"	390 mm	435 mm	110 mm	225 mm	1"	5 p.s.i.	13 lbs. / 5.9 kg
AES18	450 mm	18"	445 mm	495 mm	110 mm	225 mm	2"	5 p.s.i.	19 lbs. / 8.75 kg
AES20	500 mm	20"	495 mm	550 mm	145 mm	255 mm	2"	5 p.s.i.	24 lbs. / 11.3 kg
AES21	525 mm	21"	520 mm	575 mm	145 mm	255 mm	2"	3 p.s.i.	26 lbs. / 11.8 kg
AES24	600 mm	24"	595 mm	650 mm	145 mm	255 mm	2"	3 p.s.i.	34 lbs. / 15.85 kg

All plugs conform to British Standards BS8005 for low pressure testing and sealing of pipes.

Larger sizes available upon request



Nylon Plugs - 1½ - 6" (38 mm - 150 mm)

Nylon plugs are the standard 'Drain Plugs' for testing leak tightness of foul water lines at the time of installation. Furthermore, the range of sizes make these plugs ideal for a number of other applications in the water and gas industries as well as applications in all other industries where pipes are used or where there are holes to be blocked.

PART NO.	PIPE SIZE INTERNAL NOMINAL DIAMETER		WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX. WEIGHT
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
NYLON EXPANDING PIPE STOPPERS SPECIFICATION									
NES38	38 mm	1½"	38 mm	42 mm	36 mm	58 mm	n/a solid	15 p.s.i.	1 lbs. / 0.05 kg
NES50	50 mm	2"	48.5 mm	62.2 mm	36 mm	110 mm	0.5" bsp	15 p.s.i.	1 lbs. / 0.05 kg
NES63	63 mm	2½"	65 mm	77 mm	36 mm	110 mm	0.5" bsp	10 p.s.i.	1 lbs. / 0.10 kg
NES75	75 mm	3"	74 mm	86 mm	36 mm	110 mm	0.5" bsp	10 p.s.i.	1 lbs. / 0.10 kg
NES88	88 mm	3½"	82 mm	96 mm	36 mm	110 mm	0.5" bsp	10 p.s.i.	1 lbs. / 0.10 kg
NES100	100 mm	4"	95 mm	105 mm	36 mm	110 mm	0.5" bsp	5 p.s.i.	1 lbs. / 0.15 kg
NES115	115 mm	4½"	114 mm	124 mm	36 mm	110 mm	0.5" bsp	5 p.s.i.	1 lbs. / 0.20 kg
NES125	125 mm	5"	117 mm	127 mm	40 mm	110 mm	0.5" bsp	5 p.s.i.	1 lbs. / 0.20 kg
NES150	150 mm	6"	146 mm	155 mm	42 mm	110 mm	0.5" bsp	5 p.s.i.	1 lbs. / 0.25 kg



Steel Plugs - 1½ - 36" (40 mm - 900 mm)

PPM Pipe Purge System also manufactures a range of Steel plugs from 1½ - 72" in diameter. These plugs are typically suitable for more arduous duties such as long immersion in water and use at higher temperatures or contact with acidic or alkaline environments for which the Nylon and Aluminium plugs may be unsuitable.

PART NO.	PIPE SIZE INTERNAL NOMINAL DIAMETER		WILL FIT PIPES WITH INTERNAL DIAMETER		MINIMUM INSERTION INTO PIPE	OVERALL LENGTH	DIAMETER OF WATERWAY	MAXIMUM ALLOWABLE BACK PRESSURE	APPROX. WEIGHT
	METRIC	IMPERIAL	MINIMUM	MAXIMUM					
STEEL EXPANDING PIPE STOPPERS SPECIFICATION									
SES1.5	40 mm	1½"	37 mm	50 mm	31 mm	81.5 mm	½"	30 p.s.i.	1 lbs. / 0.16 kg
SES2	50 mm	2"	50 mm	61 mm	32.7 mm	82.8 mm	½"	30 p.s.i.	1 lbs. / 0.18 kg
SES2.5	65 mm	2½"	61 mm	75 mm	33.2 mm	80.5 mm	½"	30 p.s.i.	1 lbs. / 0.26 kg
SES3	75 mm	3"	73 mm	85 mm	34 mm	80.5 mm	½"	20 p.s.i.	1 lbs. / 0.28 kg
SES3.5	89 mm	3½"	84 mm	100 mm	41 mm	81 mm	½"	15 p.s.i.	1 lbs. / 0.36 kg
SES4	100 mm	4"	94 mm	108 mm	37.5 mm	83.3 mm	½"	10 p.s.i.	1 lbs. / 0.41 kg
SES4.5	114 mm	4½"	110 mm	125 mm	40 mm	83.3 mm	½"	10 p.s.i.	1 lbs. / 0.58 kg
SES5	125 mm	5"	124 mm	139 mm	37 mm	83.3 mm	½"	10 p.s.i.	1 lbs. / 0.60 kg
SES6	150 mm	6"	145 mm	160 mm	39.7 mm	83.3 mm	½"	10 p.s.i.	2 lbs. / 0.75 kg
SES7	175 mm	7"	175 mm	200 mm	46 mm	130 mm	1"	7 p.s.i.	3 lbs. / 1.56 kg
SES8	200 mm	8"	195 mm	215 mm	37 mm	130 mm	1"	7 p.s.i.	3 lbs. / 1.47 kg
SES9	225 mm	9"	210 mm	230 mm	58 mm	150 mm	1"	7 p.s.i.	4 lbs. / 1.93 kg
SES10	250 mm	10"	245 mm	260 mm	55 mm	150 mm	1"	7 p.s.i.	6 lbs. / 2.55 kg
SES12	300 mm	12"	296 mm	320 mm	85 mm	150 mm	1"	7 p.s.i.	8 lbs. / 3.72 kg
SES14	350 mm	14"	340 mm	385 mm	85 mm	210 mm	1"	5 p.s.i.	14 lbs. / 6.54 kg
SES15	375 mm	15"	370 mm	415 mm	100 mm	210 mm	1"	5 p.s.i.	15 lbs. / 7.00 kg
SES16	400 mm	16"	390 mm	430 mm	95 mm	210 mm	1"	5 p.s.i.	19 lbs. / 8.45 kg
SES18	450 mm	18"	448 mm	495 mm	100 mm	210 mm	1"	5 p.s.i.	23 lbs. / 10.6 kg
SES20	500 mm	20"	495 mm	550 mm	145 mm	255 mm	2"	3 p.s.i.	25 lbs. / 11.3 kg
SES21	525 mm	21"	520 mm	575 mm	145 mm	255 mm	2"	3 p.s.i.	25 lbs. / 11.5 kg
SES24	600 mm	24"	595 mm	650 mm	145 mm	255 mm	2"	3 p.s.i.	35 lbs. / 15.85 kg