

Expanding Pipe Stoppers

Sizes: Up to 72" (1828mm)

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.

GBC's range of Pipe stoppers are available in a number of different styles to suit many applications for pipe sizes from 1/2" to 72". Special Pipestoppers are also available for pressure testing.

How it works

A central spindle/shaft on which two plates are fitted with a natural rubber tyre (ring) between them, a wing nut on the shaft moving the two plates together compressing the tyre 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.

Nylon Plugs

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.

Aluminium Plugs

To complement the range of nylon expanding plugs, we offer all sizes of aluminium plugs. These are provided in sizes from 1.5" upwards and are suitable for more arduous duties such as immersion in chemicals and/or higher temperatures.

Steel Plugs

GBC also offer a range of Steel plugs from 2" to 72" in diameter. These plugs are typically suitable for more arduous duties such as long immersion in water and use at higher temperatures or for contact with acidic or alkaline environments for which the Nylon and Aluminium plugs may be unsuitable.



Steel, aluminium and nylon expanding stoppers



Aluminium expanding stoppers available in various sizes



Aluminium and Steel expanding pipe stoppers

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

Expanding Pipe Stoppers

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									
NS12	12mm	½	12mm	16mm			solid	100p.s.i.	0.01kg
NS18	18mm	¾	18mm	24mm			solid	100p.s.i.	0.01kg
NS25	25mm	1	23mm	32mm			solid	100p.s.i.	0.02kg
NS31	31mm	1¼	31mm	39mm			solid	70p.s.i.	0.04kg
NS38	38mm	1½	37mm	54mm			solid	60p.s.i.	0.05kg
NS12TB	12mm	½	12mm	16mm			M8	100p.s.i.	0.01kg
NS18TB	18mm	¾	18mm	26mm			M8	100p.s.i.	0.01kg
NS25TB	25mm	1	25mm	32mm			M8	100p.s.i.	0.02kg
NS31TB	31mm	1¼	31mm	39mm			M8	70p.s.i.	0.04kg
NS38TB	38mm	1½	38mm	42mm			M8	60p.s.i.	0.05kg
NS50	50mm	2	48mm	62mm			½	15p.s.i.	0.05kg
NS63	63mm	2½	65mm	77mm			½	10p.s.i.	0.10kg
NS75	75mm	3	74mm	86mm			½	10p.s.i.	0.10kg
NS88	88mm	3½	82mm	96mm			½	10p.s.i.	0.10kg
NS100	100mm	4	95mm	105mm			½	5p.s.i.	0.15kg
NS115	115mm	4½	114mm	124mm			½	5p.s.i.	0.2kg
NS125	125mm	5	117mm	127mm			½	5p.s.i.	0.2kg
NS150	150mm	6	146mm	155mm			½	5p.s.i.	0.25kg
ALUMINIUM EXPANDING PIPE STOPPERS									
AS1.5	40mm	1½	38mm	50mm	45mm	94mm	½	30p.s.i.	0.17kg
AS2	50mm	2	49mm	62mm	43mm	90mm	½	30p.s.i.	0.22kg
AS2.5	65mm	2½	62mm	77mm	43mm	92mm	½	30p.s.i.	0.27kg
AS3	75mm	3	73mm	89mm	43mm	94mm	½	20p.s.i.	0.31kg
AS3.5	90mm	3½	84mm	103mm	53mm	96mm	½	15p.s.i.	0.36kg
AS4	100mm	4	94mm	110mm	47mm	94mm	½	10p.s.i.	0.36kg
AS4.5	114mm	4½	112mm	130mm	56mm	140mm	½	10p.s.i.	0.47kg
AS5	125mm	5	125mm	142mm	60mm	95mm	½	10p.s.i.	0.79kg
AS6	150mm	6	146mm	168mm	48mm	96mm	½	10p.s.i.	0.70kg
AS7	175mm	7	175mm	200mm	64mm	100mm	1	7p.s.i.	1.92kg
AS8	200mm	8	193mm	220mm	64mm	100mm	1	7p.s.i.	1.59kg
AS9	225mm	9	220mm	240mm	64mm	170mm	1	7p.s.i.	2.06kg
AS10	250mm	10	245mm	270mm	73mm	178mm	1	7p.s.i.	2.52kg
AS11	275mm	11	274mm	328mm	100mm	200mm	1	7p.s.i.	3.45kg
AS12	300mm	12	295mm	325mm	77mm	200mm	1	7p.s.i.	3.42kg
AS13	325mm	13	325mm	360mm	120mm	230mm	1	5p.s.i.	4.75kg
AS14	350mm	14	350mm	385mm	110mm	215mm	1	5p.s.i.	6.95kg
AS15	375mm	15	370mm	410mm	110mm	225mm	1	5p.s.i.	5.35kg
AS16	400mm	16	390mm	435mm	110mm	225mm	1	5p.s.i.	5.9kg
AS18	450mm	18	445mm	495mm	110mm	225mm	2	5p.s.i.	8.75kg
AS20	500mm	20	495mm	550mm	145mm	255mm	2	5p.s.i.	11.3kg
AS21	525mm	21	520mm	575mm	145mm	255mm	2	3p.s.i.	11.8kg
AS24	600mm	24	595mm	650mm	145mm	255mm	2	3p.s.i.	15.85kg
STEEL EXPANDING PIPE STOPPERS									
SS1.5	40mm	1½	37mm	50mm	31mm	81.5mm	½	30p.s.i.	0.16kg
SS2	50mm	2	50mm	61mm	32.7mm	82.8mm	½	30p.s.i.	0.18kg
SS2.5	65mm	2½	51mm	75mm	33.2mm	80.5mm	½	30p.s.i.	0.26kg
SS3	75mm	3	73mm	85mm	34mm	80.5mm	½	20p.s.i.	0.28kg
SS3.5	89mm	3½	84mm	100mm	41mm	81mm	½	15p.s.i.	0.36kg
SS4	100mm	4	94mm	108mm	37.5mm	83.3mm	½	10p.s.i.	0.41kg
SS4.5	114mm	4½	110mm	125mm	40mm	83.3mm	½	10p.s.i.	0.58kg
SS5	125mm	5	124mm	139mm	37mm	83.3mm	½	10p.s.i.	0.60kg
SS6	150mm	6	145mm	160mm	39.7mm	83.3mm	½	10p.s.i.	0.75kg
SS7	175mm	7	175mm	200mm	46mm	130mm	1	7p.s.i.	1.56kg
SS8	200mm	8	195mm	215mm	37mm	130mm	1	7p.s.i.	1.47kg
SS9	225mm	9	210mm	230mm	58mm	150mm	1	7p.s.i.	1.93kg
SS10	250mm	10	245mm	260mm	55mm	150mm	1	7p.s.i.	2.55kg
SS12	300mm	12	296mm	320mm	85mm	150mm	1	7p.s.i.	3.72kg
SS14	350mm	14	340mm	385mm	85mm	210mm	1	5p.s.i.	6.54kg
SS15	375mm	15	370mm	415mm	100mm	210mm	1	5p.s.i.	7.00kg
SS16	400mm	16	390mm	430mm	95mm	210mm	1	5p.s.i.	8.45kg
SS18	450mm	18	448mm	495mm	100mm	210mm	1	5p.s.i.	10.6kg
SS20	500mm	20	495mm	550mm	145mm	255mm	2	3p.s.i.	11.3kg
SS21	525mm	21	520mm	575mm	145mm	255mm	2	3p.s.i.	11.5kg
SS24	600mm	24	595mm	650mm	145mm	255mm	2	3p.s.i.	15.85kg