

## Expandable test plugs for purging and general pipe blocking

Pipe stoppers (or drain plugs) 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's range of pipe stoppers is available in a number of different styles to suit many applications for pipe sizes from 1½ - 72" (38 mm - 1,829 mm). Special pipe stoppers are also available for pressure testing.

## How it works

The pipe stopper consists of a central spindle/shaft on which two plates are fitted with a natural rubber tyre (ring) between them. A wing nut on the shaft moves 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 - 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.



## Nylon expanding pipe stopper specification

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	WEIGHT (LBS. / KG)	
NES38	1½"	38 mm	1.49 - 1.65"	38 - 42 mm	36 mm	58 mm	n/a solid	15 psi	1 lbs.	0.05 kg
NES50	2"	50 mm	1.90 - 2.44"	48.5 - 62.2 mm	36 mm	110 mm	0.5" bsp	15 psi	1 lbs.	0.05 kg
NES63	2½"	63 mm	2.55 - 3.03"	65 - 77 mm	36 mm	110 mm	0.5" bsp	10 psi	1 lbs.	0.10 kg
NES75	3"	75 mm	2.91 - 3.38"	74 - 86 mm	36 mm	110 mm	0.5" bsp	10 psi	1 lbs.	0.10 kg
NES88	3½"	88 mm	3.22 - 3.77"	82 - 96 mm	36 mm	110 mm	0.5" bsp	10 psi	1 lbs.	0.10 kg
NES100	4"	100 mm	3.74 - 4.13"	95 - 105 mm	36 mm	110 mm	0.5" bsp	5 psi	1 lbs.	0.15 kg
NES115	4½"	115 mm	4.48 - 4.88"	114 - 124 mm	36 mm	110 mm	0.5" bsp	5 psi	1 lbs.	0.20 kg
NES125	5"	125 mm	4.60 - 5.00"	117 - 127 mm	40 mm	110 mm	0.5" bsp	5 psi	1 lbs.	0.20 kg
NES150	6"	150 mm	5.74 - 6.10"	146 - 155 mm	42 mm	110 mm	0.5" bsp	5 psi	1 lbs.	0.25 kg

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