

Single inflatable dams for blocking and testing

PPM offers a range of inflatable stoppers in various shapes and sizes, suitable for many applications. Made from a natural rubber bladder covered in waterproof polyurethane coated nylon to prevent friction and static electricity build up.

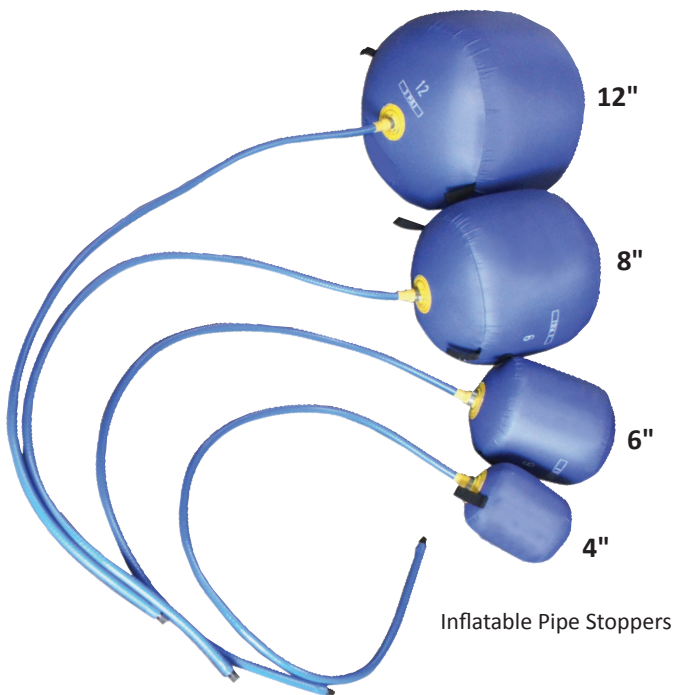
There are six different types available:

- **Cylindrical** - this stopper is generally used for blocking pipes where access is restricted
- **Spherical** - this stopper has less contact area than cylindrical stoppers, and is most suited to applications where access is further limited. Due to its shape the spherical inflatable stopper can be used at any angle
- **Square / Rectangular** - this stopper has a variety of applications, including in air conditioning ducting and venting
- **Doughnut** - this stopper requires minimal space and is perfectly suited to larger diameter pipes as there is less inflation required
- **Sausage** - this stopper has more contact area between the stopper and the pipe wall enabling it to hold back more pressure
- **Heat Resistant** - this stopper is made of a specially designed Kevlar and Nomex mix material to withstand temperatures up to 500°C (932°F) for applications involving higher temperatures such as pre heating



Holdback pressure - unsupported back pressure is 20% of the inflation pressure

Each inflatable stopper comes with an inflation hose fitted with a Schrader valve enabling inflation with a standard airline, bicycle or foot pump.



PPM's inflatable stoppers are supplied as standard with no through tube. Through tubes can be supplied on request at extra cost when the stoppers are required for weld purging applications. When deflated, the inflatable stoppers can be inserted and withdrawn with ease when access is restricted.

Sizing and specification

PART NO	DESCRIPTION	NOMINAL PIPE SIZE		INTERNAL DIAMETER RANGE (I/D)		WEIGHT (LBS. / KG)		INFLATION PRESSURE
IPS2	2" Inflatable Pipe Stopper	2"	50 mm	1.77" - 2.16"	45 mm - 55 mm	0.74 lbs.	0.34 kg	10 psi
IPS3	3" Inflatable Pipe Stopper	3"	75 mm	2.75" - 3.14"	70 mm - 80 mm	0.74 lbs.	0.34 kg	10 psi
IPS4	4" Inflatable Pipe Stopper	4"	100 mm	3.74" - 4.13"	95 mm - 105 mm	0.74 lbs.	0.34 kg	10 psi
IPS5	5" Inflatable Pipe Stopper	5"	125 mm	4.72" - 5.11"	120 mm - 130 mm	0.83 lbs.	0.38 kg	10 psi
IPS6	6" Inflatable Pipe Stopper	6"	150 mm	5.70" - 6.10"	145 mm - 155 mm	0.83 lbs.	0.38 kg	6 psi
IPS7	7" Inflatable Pipe Stopper	7"	175 mm	6.69" - 7.08"	170 mm - 180 mm	1.54 lbs.	0.70 kg	6 psi
IPS8	8" Inflatable Pipe Stopper	8"	200 mm	7.67" - 8.07"	195 mm - 205 mm	2 lbs.	0.90 kg	6 psi
IPS9	9" Inflatable Pipe Stopper	9"	225 mm	8.66" - 9.05"	220 mm - 230 mm	2 lbs.	0.95 kg	4 psi
IPS10	10" Inflatable Pipe Stopper	10"	250 mm	9.64" - 10.03"	245 mm - 255 mm	2 lbs.	1.00 kg	4 psi
IPS11	11" Inflatable Pipe Stopper	11"	275 mm	10.62" - 11.02"	270 mm - 280 mm	2 lbs.	1.05 kg	4 psi
IPS12	12" Inflatable Pipe Stopper	12"	300 mm	11.61" - 12.00"	295 mm - 305 mm	2 lbs.	1.10 kg	3 psi
IPS13	13" Inflatable Pipe Stopper	13"	325 mm	12.59" - 12.99"	320 mm - 330 mm	3 lbs.	1.20 kg	3 psi
IPS14	14" Inflatable Pipe Stopper	14"	350 mm	13.58" - 13.97"	345 mm - 355 mm	3 lbs.	1.30 kg	3 psi
IPS15	15" Inflatable Pipe Stopper	15"	375 mm	14.56" - 14.96"	370 mm - 380 mm	3 lbs.	1.50 kg	3 psi
IPS16	16" Inflatable Pipe Stopper	16"	400 mm	15.55" - 15.94"	395 mm - 405 mm	4 lbs.	1.70 kg	3 psi
IPS17	17" Inflatable Pipe Stopper	17"	425 mm	16.53" - 16.92"	420 mm - 430 mm	4 lbs.	1.75 kg	3 psi
IPS18	18" Inflatable Pipe Stopper	18"	450 mm	17.51" - 17.91"	445 mm - 455 mm	4 lbs.	1.80 kg	2 psi
IPS19	19" Inflatable Pipe Stopper	19"	475 mm	18.50" - 18.89"	470 mm - 480 mm	4 lbs.	1.85 kg	2 psi
IPS20	20" Inflatable Pipe Stopper	20"	500 mm	19.48" - 19.88"	495 mm - 505 mm	4 lbs.	1.90 kg	2 psi
IPS21	21" Inflatable Pipe Stopper	21"	525 mm	20.47" - 20.86"	520 mm - 530 mm	5 lbs.	2.20 kg	2 psi
IPS22	22" Inflatable Pipe Stopper	22"	550 mm	21.45" - 21.85"	545 mm - 555 mm	5 lbs.	2.40 kg	2 psi
IPS24	24" Inflatable Pipe Stopper	24"	600 mm	23.42" - 23.81"	595 mm - 605 mm	5 lbs.	2.50 kg	2 psi
IPS28	28" Inflatable Pipe Stopper	28"	700 mm	27.36" - 27.75"	695 mm - 705 mm	5 lbs.	2.70 kg	2 psi
IPS30	30" Inflatable Pipe Stopper	30"	750 mm	29.33" - 29.72"	745 mm - 755 mm	6 lbs.	3.00 kg	2 psi
IPS32	32" Inflatable Pipe Stopper	32"	800 mm	31.29" - 31.69"	795 mm - 805 mm	7 lbs.	3.40 kg	1.5 psi
IPS34	34" Inflatable Pipe Stopper	34"	850 mm	33.26" - 33.66"	845 mm - 855 mm	7 lbs.	3.60 kg	1.5 psi
IPS36	36" Inflatable Pipe Stopper	36"	900 mm	35.23" - 35.62"	895 mm - 905 mm	8 lbs.	3.80 kg	1 psi
IPS42	42" Inflatable Pipe Stopper	42"	1,050 mm	41.34" - 41.73"	1,050 mm - 1,060 mm	11 lbs.	5.00 kg	0.5 psi
IPS44	44" Inflatable Pipe Stopper	44"	1,100 mm	43.11" - 43.50"	1,095 mm - 1,105 mm	12 lbs.	5.50 kg	0.5 psi
IPS48	48" Inflatable Pipe Stopper	48"	1,200 mm	47.04" - 47.44"	1,195 mm - 1,205 mm	13 lbs.	6.00 kg	0.5 psi
IPS54	54" Inflatable Pipe Stopper	54"	1,350 mm	53.35" - 53.74"	1,355 mm - 1,365 mm	17 lbs.	7.50 kg	0.5 psi
IPS60	60" Inflatable Pipe Stopper	60"	1,500 mm	58.85" - 59.25"	1,495 mm - 1,505 mm	19 lbs.	8.50 kg	0.5 psi
IPS72	72" Inflatable Pipe Stopper	72"	1,800 mm	71.45" - 71.85"	1,815 mm - 1,825 mm	24 lbs.	11.00 kg	0.5 psi

Pipe stoppers are supplied with Schrader valve

(Larger sizes available upon request with 10 mm / 0.39" expansion range)