

Multi-Size Pillow Plugs for Large Pipes (up to 108") Confined Entry, & Elliptical Pipe

Kevlar® Reinforced *NR-SBR Rubber

Made of Kevlar® reinforced *NR-SBR rubber compound, these plugs are ideal for large diameter pipes or where access to the pipe is limited.

Mechanical blocking is required for safety as shown.

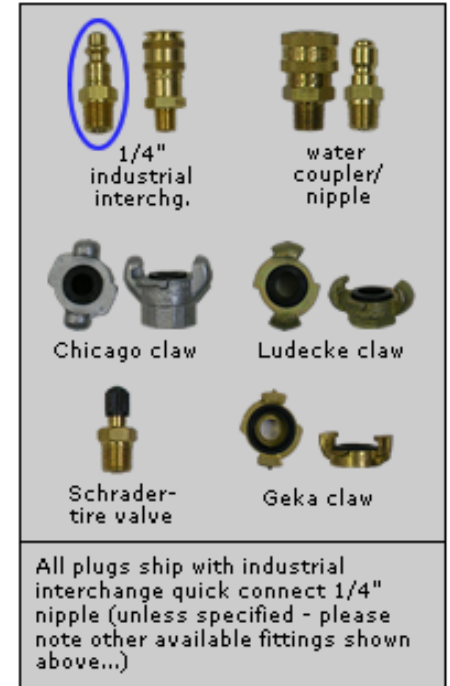
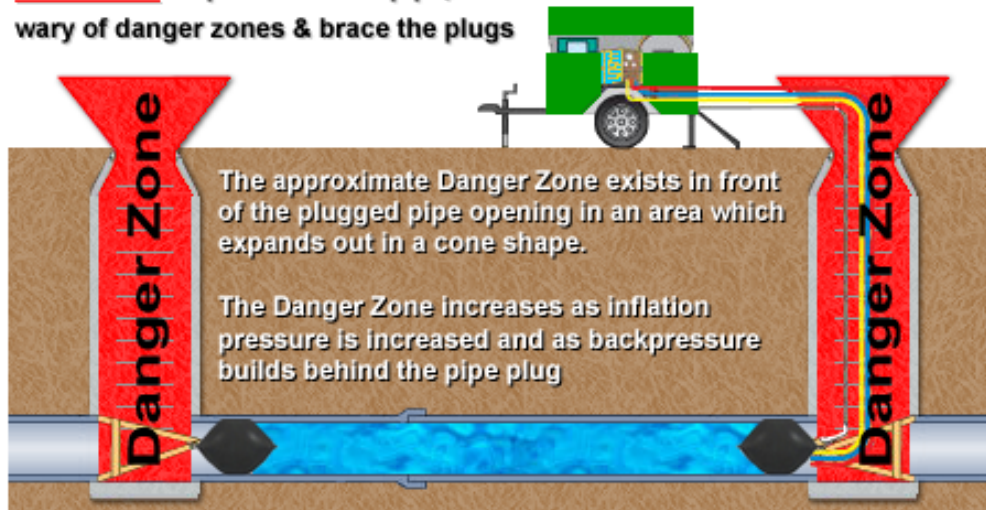
When deflated they can be folded up, then inserted through a standard manhole and then inflated. Standard sizes range from 2' up to 9' diameter, with or without bypass for testing & flow through. Generally, a pillow shaped pipe plug can be inserted through an opening 1/3 the diameter of the pipe.

* NR = Isoprene rubber, natural. * SBR = Styrene- butadiene rubber.



Also available with 2" bypass (See below)

Remember: Inspect/clean the pipe, be wary of danger zones & brace the plugs



(SAE SIZES) PILLOW SHAPED PIPE PLUGS (Plugy)

ITEM #	SIZE RANGE INCH	PIPE DIAMETER		PLUG SPECS (DEFLATED)			BY-PASS DIAMETER INCH	INFLATION PRESSURE PSI	MAX. BACK PRESSURE	
		MIN INCH	MAX INCH	WIDTH INCH	LENGTH INCH	PRODUCT WEIGHT			PSI	HEAD
529411	24" - 40"	23.2"	40"	36.4"	84"	40 lbs	N/A	14.5 PSI	10.1 PSI	22.7'
529412	32" - 48"	31.2"	48"	49.2"	100"	64 lbs	N/A	13 PSI	8.6 PSI	19.4'
529413	48" - 64"	46.8"	64"	73.2"	128"	112 lbs	N/A	11.5 PSI	7.2 PSI	16.2'
529414	64" - 80"	62.4"	80"	98"	160"	189 lbs	N/A	8.6 PSI	5.8 PSI	13'
529491	75" - 84"	74"	84"	116.4"	192"	220 lbs	N/A	7.25 PSI	4.3 PSI	9.7'
60550	96"	96"	96"	147"	18' 5"	548 lbs	N/A	7.2 PSI	4.3 PSI	9.7'
60551	108"	108"	108"	166"	22'	726 lbs	N/A	5.8 PSI	4.3 PSI	9.7'



Flange also available with 2" bypass (specs below)

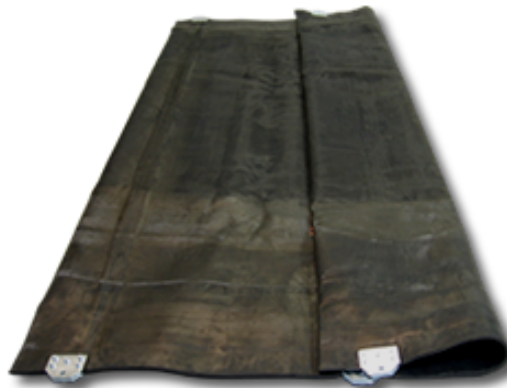


Pillow Plugs are fitted with several "D"-Rings for tethering rope



Pillow Plugs are fitted with two 1/4" threaded inflation ports (shown here with 1/4" nipple & 1/4" hex plug).

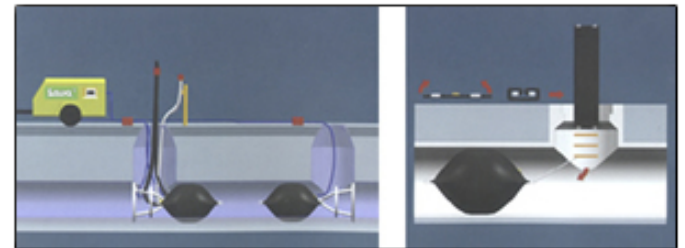
When deflated they can be folded up, then inserted through a standard 24" manhole & then inflated. Pillow plugs can be inserted through an opening 1/3 the diameter of the pipe.



Kevlar® Reinforced *NR-SBR Pillow Plugs with 2" Bypass



Ideal for large pipes when access is limited. When deflated they can be folded up, then inserted through a standard manhole and then inflated. Standard sizes range from 2' up to 9' diameter, with or without bypass for testing and flow through. Generally, a pillow shaped pipe plug can be inserted through an opening 1/3 the diameter of the pipe.



Mechanical blocking is required for safety as shown.

* NR = Isoprene rubber, natural. * SBR = Styrene-butadiene rubber

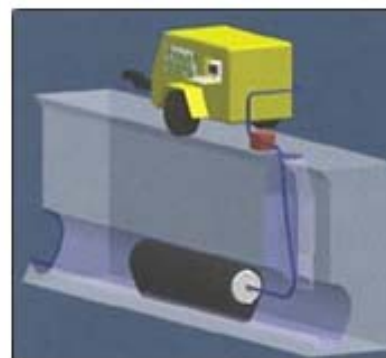
PILLOW SHAPED PIPE PLUGS WITH BY-PASS (Plugsy)

ITEM #	SIZE RANGE	PIPE DIAMETER		PLUG SPECS (DEFLATED)			BY-PASS DIAMETER	INFLATION PRESSURE	MAX. BACK PRESSURE	
		MIN INCH	MAX INCH	WIDTH INCH	LENGTH INCH	WEIGHT LBS			PSI	PSI
529415	24"- 40 "	23.6"	40"	36.8"	76"	51 lbs	2"	14.4 PSI	10.1 PSI	22.7'
529416	32"- 48"	31.6"	48"	50"	92"	75 lbs	2"	13 PSI	8.6 PSI	19.4'
529417	48"- 64"	47.6"	64"	74.8"	114"	125 lbs	2"	11.5 PSI	7.2 PSI	16.2'
529418	64"- 80"	63.6"	80"	100"	148"	202 lbs	2"	8.6 PSI	5.8 PSI	13'
529492	75"- 84"	74"	84"	116"	192"	240 lbs	2"	7.25 PSI	4.3 PSI	9.7'
60561	96"	96"	96"	147"	18' 5"	576 lbs	2"	7.2 PSI	4.3 PSI	9.7'
60562	108"	108"	108"	166"	22'	755 lbs	2"	5.8 PSI	4.3 PSI	9.7'

Egg Shaped Pipe Plugs



Three multi-size ranges available with bypass for testing and blocking or without bypass for blocking.



(SAE SIZES) EGG SHAPE PLUGS

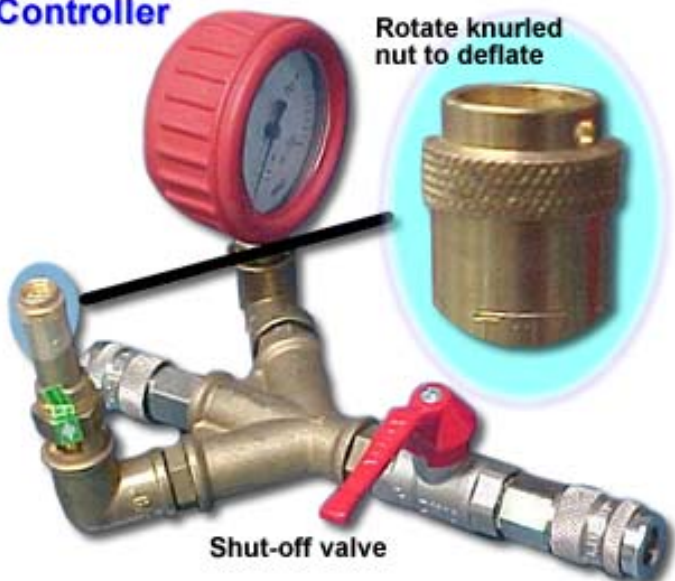
SAE		PIPE DIAMETER		PLUG SPECS (DEFLATED)			BY PASS	INFLATION		MAX BACK	
ITEM #	TYPE	MIN INCH	MAX INCH	DIAMETER INCH	CYLINDER LENGTH	WEIGHT LBS	SIZE INCH	MAX PSI	VALVE TYPE	PSI	HEAD
503485	EI 1	8/12	10/15	7.1"X10.4"	23.6"	15 Lbs	N/A	21.6	1/4"Quick	7.2PSI	16'4"
503486	EI 2	12/18	14/21	10.8"X16.1"	27.6"	27 Lbs	N/A	21.6	1/4"Quick	7.2PSI	16'4"
503488	EI 3	16/24	24/36	14.8"X22"	35.4"	44 Lbs	N/A	21.6	1/4"Quick	7.2PSI	16'4"
519444	EI 4	28/42	32/48	30"	92"	73 Lbs	N/A	13	1/4"Quick	7.2PSI	16'4"
519447	EI 5	36/54	40/60	38"	116"	110 Lbs	N/A	11.5	1/4"Quick	7.2PSI	16'4"

(SAE SIZES) EGG SHAPE PLUGS WITH BYPASS

SAE		PIPE DIAMETER		PLUG SPECS (DEFLATED)			BY PASS	INFLATION		MAX BACK	
ITEM #	TYPE	MIN INCH	MAX INCH	DIAMETER INCH	CYLINDER LENGTH	WEIGHT LBS	SIZE INCH	MAX PSI	VALVE TYPE	PSI	HEAD
504158	EI 1	8/12	10/15	7.1"X10.4"	23.6"	18 Lbs	2"	21.6	1/4"Quick	7.2PSI	16'4"
504160	EI 2	12/18	14/21	10.8"X16.1"	27.6"	32 Lbs	3"	21.6	1/4"Quick	7.2PSI	16'4"
504161	EI 3	16/24	24/36	14.8"X22"	35.4"	52 Lbs	3"	21.6	1/4"Quick	7.2PSI	16'4"
519448	EI 4	28/42	32/48	30"	92"	88 Lbs	2"	13	1/4"Quick	7.2PSI	16'4"
519449	EI 5	36/54	40/60	38"	116"	125.4 Lbs	2"	11.5	1/4"Quick	7.2PSI	16'4"

Available accessories for these products:

Inflation Controller



Rotate knurled nut to deflate

Shut-off valve

Inflation Controller Protects equipment from over inflation damage and controls pressure with accurate gauge (required use for warrantee claims). Nickel plated brass 1/4" quick-connect couplings with stainless steel bearings for long life. Liquid filled stainless steel gauge. Stainless gas ball valve. Precision machined brass safety relief over pressure relief valve eliminates over-inflation hazards; available in 7.25, 15, 22, and 36 PSI. 60 PSI output pressure gauge.

Maximum input pressure 120PSI recommended. For higher input pressures please request custom controller configurations. Custom controllers and gauges are also available.

Inflation Hoses



SAE

3/8"ID all-weather inflation hoses. Weather stability from -40F to +212F, also resistant to oil & fuel degradation & remains flexible in low temperatures. Fiber reinforcement braid insures minimum burst pressure of 1,000 PSI.

Item#	Length	Fittings	Color
77682S16	16'	SAE	Yellow
77682S32	32'	SAE	Yellow
76683S16	16'	SAE	Red
76683S32	32'	SAE	Red
77679S16	16'	SAE	Blue
77679S32	32'	SAE	Blue
77680S16	16'	SAE	Green
77680S32	32'	SAE	Green
77678S16	16'	SAE	Black
77678S32	32'	SAE	Black

Inflation/Lift Hoses

Lift hose shown here with inline gauge (not included)



Inflation / Lift Hose. Custom fitted with gauges, dump valves, over inflation relief valves, etc. (please specify requirements).

Standard inclusions:

polypropylene braided sheathing with aluminum alloy attachment carabineers, nickel plated, brass 1/4" quick-connect/ disconnect coupling and nipple with stainless steel bearings for long service life. Solid machined stainless steel couplers available on request.

***Custom fittings and gauges extra (please call for price)**

Part#	Length	I.D.	Weight
60957	16'	5/16"	2 lbs
60958	32'	5/16"	4 lbs