

Bypass Plugs 4" up to 40" with Male Threaded Bypass up to 8"

Kevlar® Reinforced *NR-SBR Rubber Pipe Plugs:

Plugsy VP Series - (For high-volume bypass flow)

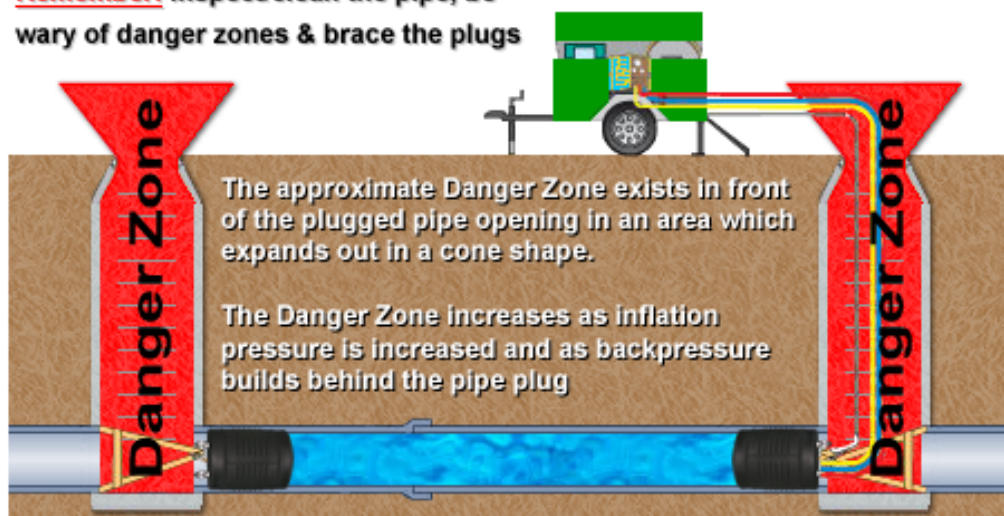
Sava large bypass pipe plugs are made of special *NR-SBR rubber, reinforced with Kevlar® tire cord. All Sava pipe plugs are test-designed at three times their working pressure (required inflation pressure) to ensure durability and safety. Due to their light weight and short length, Sava plugs are easy to handle even in large diameter sizes.

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

The primary use for these plugs is hi-volume bypass flow. Threaded aluminum bypass. Comes standard with 1/4" nickel-plated brass quick-connect pneumatic couplings. Sava has a complete line of accessories for non-standard options such as test adapters, pneumatic fittings, air hoses, etc.

Most Sava flow-through pipe plugs come complete with standard schedule 40 PVC caps except when 8" bypass is required. 8" flow through plugs requires schedule 80 PVC caps and are not included for economical reasons. Order 8" caps separately if required (extra charge \$150.00).

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



Special adapters such as this camlock fitting can be added at the customer's request.

(6" camlock fitting shown)

Protective Sleeves



Protective Sleeves
Available for plug sizes:

8" - 16"
14" - 24" **3/16" thickness**
15" - 30"
20" - 40"

All plugs ship with industrial interchange quick connect 1/4" nipple unless specified - please note other available fittings shown:



1/4"
industrial
interchg.



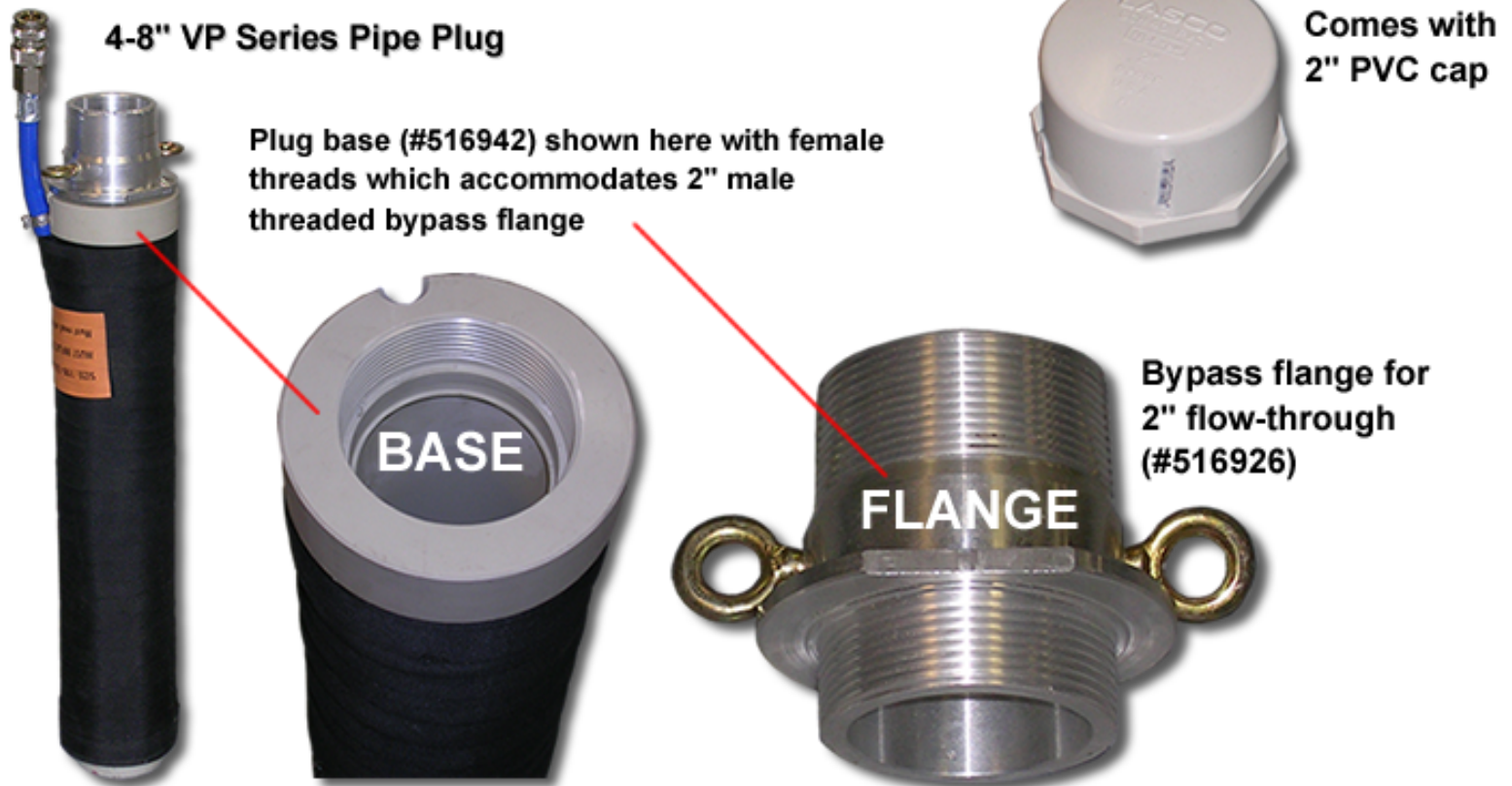
water
coupler/
nipple



Schrader-
tire
valve

Plugsy VP Plugs with 36 PSI Operating Pressure:

VP Series Plugs Have Two Parts - The Base & The Flange



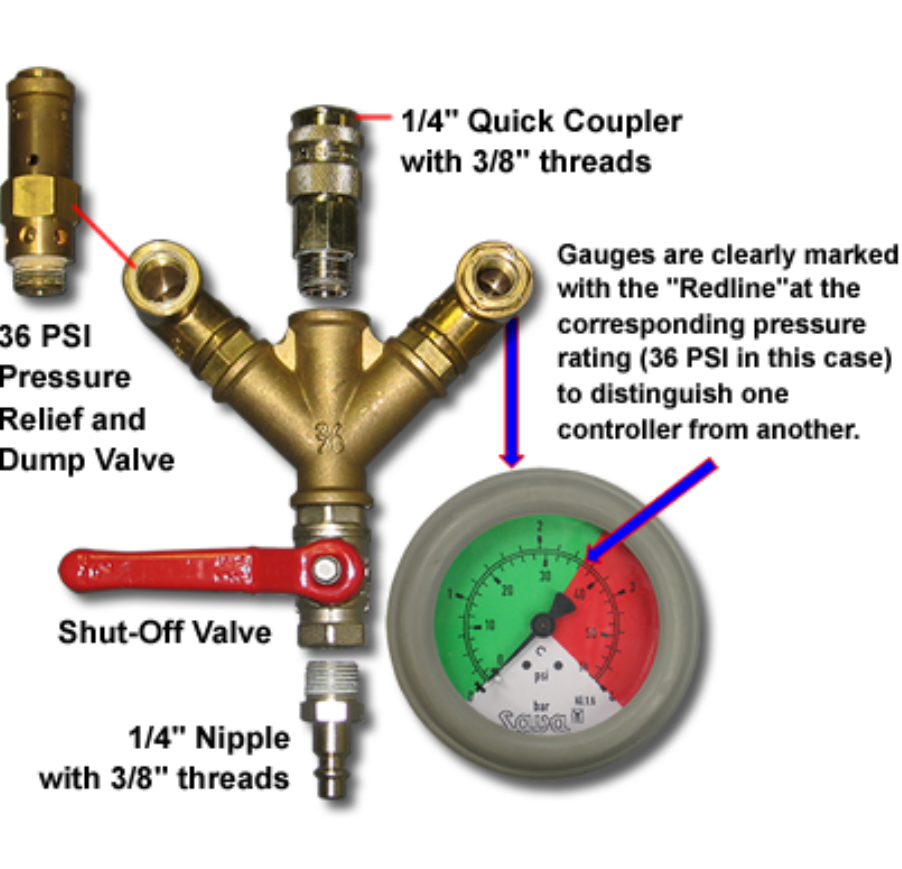
Specs for 36 PSI plug shown above

SAE MULTI SIZE PNEUMATIC TEST PIPE PLUGS WITH LARGER BY-PASS (Plugsy)											
SAE	SIZE	PIPE DIA		PLUG SPECS (DEFLATED)			EYE BOLT	AVAILABLE BY-PASS	INFLATION		TOTAL
ITEM		MIN	MAX	DIAMETER	LENGTH	PRODUCT	SIZE	THREAD SIZES	MAX	VALVE	LENGTH
#	INCH	INCH	INCH	INCH	INCH	WEIGHT	mm	(INCHES)	PSI	TYPE	w/cap
516942	4"-8"	4"	8"	3.8"	16.4"	4.6 lbs	6mm	2" MPT	36 PSI	R 1/4"	18-1/4"

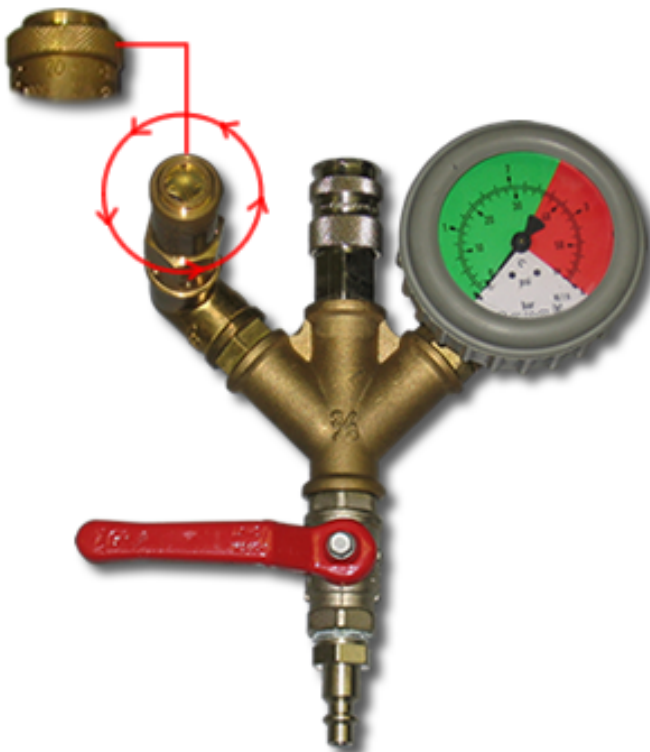
Maximum allowable backpressure - Back pressure measured in dry iron pipe (PSI).

[illegible]

All Sava plugs have a corresponding controller (Sold separately) to match the inflation pressure on the plug in order to prevent over-inflation damage to the plug. (Required for warrantee claims)



Rotate the knurled nut on top of the pressure relief valve counter-clockwise to release the pressure from the plugs that are in the line



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 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.

Plugsy VP Plugs with 29 PSI Operating Pressure:

VP Series Plugs Have Two Parts - The Base & The Flange

6-10" VP Series Pipe Plug

Plug base (#516943) shown here with female threads which accommodates 2" & 3" male threaded bypass flanges



Comes with 2" or 3" PVC cap



Bypass flange for 2" flow-through (#516928)



Bypass flange for 3" flow-through (#516927)

8-12" VP Series Pipe Plug

Plug base (#516944) shown here with female threads which accommodates 2" & 4" male threaded bypass flanges



Comes with 2" or 4" PVC cap



Bypass flange for 2" flow-through (#516930)



Bypass flange for 4" flow-through (#516929)

12-21" VP Series Pipe Plug

Plug base (#516945) shown here with 8-bolt pattern which accommodates 4" & 6" male threaded bypass flanges



Comes with 4" or 6" PVC cap



8 bolts used on this flange are 6mm Metric



Bypass flange for 4" flow-through (#516934)



Bypass flange for 6" flow-through (#516933)

Specs for 29 PSI plugs shown above

SAE MULTI SIZE PNEUMATIC TEST PIPE PLUGS WITH LARGER BY-PASS (Plugsy)

SAE ITEM #	SIZE INCH	PIPE DIA MIN INCH	PIPE DIA MAX INCH	PLUG SPECS (DEFLATED) DIAMETER INCH	PLUG SPECS (DEFLATED) LENGTH INCH	PRODUCT WEIGHT	EYE BOLT SIZE mm	AVAILABLE BY-PASS THREAD SIZES (INCHES)	INFLATION MAX PSI	VALVE TYPE	TOTAL LENGTH w/cap
516943	6"-10"	6"	10"	5.8"	22.4"	10.6 lbs	6mm	2" & 3" MPT	29 PSI	R 1/4"	24"
516944	8"-12"	8"	12"	7.8"	24.4"	18.3 lbs	6mm	2" & 4" MPT	29 PSI	R 1/4"	27"
516945	12"-21"	12"	21"	11.6"	29.6"	40.7 lbs	8mm	4" & 6" MPT	29 PSI	R 1/4"	34"

Maximum allowable backpressure - Back pressure measured in dry iron pipe (PSI).

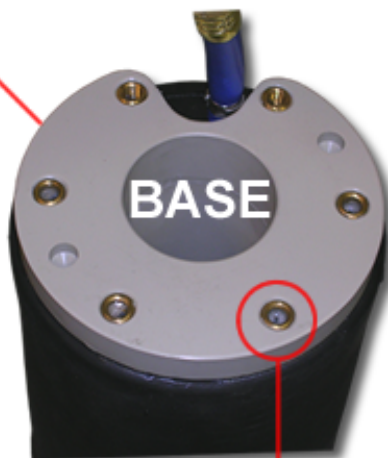
Plugsy Plugsy	SAE Pipe Diameter (inch)												
	4"	6"	8"	10"	12"	14"	16"	20"	24"	28"	32"	36"	40"
6" - 10"		14.40	11.50	8.60									
8" - 12"			14.40	11.50	8.60								
12" - 21"					14.40	13.00	10.00	7.20					

Plugsy VP Plugs with 22 PSI Operating Pressure:

6-12" VP Series Pipe Plug



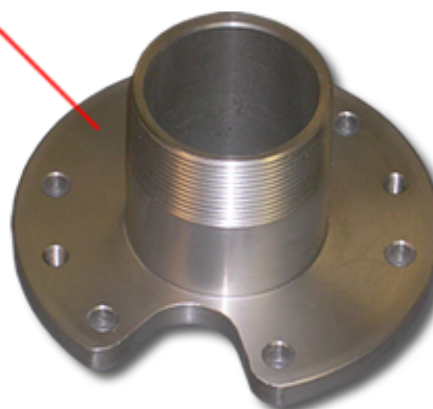
Plug base (#60967) shown here with 6-bolt pattern which accommodates 2" male threaded bypass flange



6 bolts used on this flange are 6mm Metric



Comes with 2" PVC cap

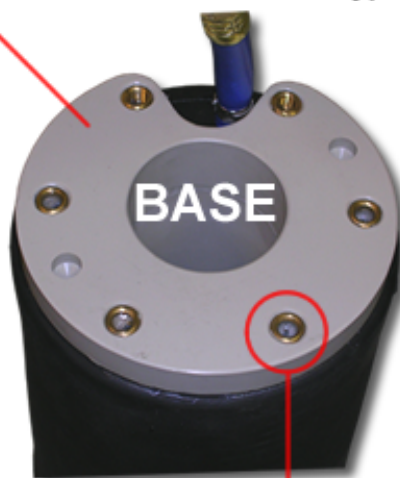


Bypass flange for 2" flow-through (#514957)

8-16" VP Series Pipe Plug



Plug base (#60968) shown here with 6-bolt pattern which accommodates 2" & 4" male threaded bypass flange



6 bolts used on this flange are 6mm Metric



Comes with 2" or 4" PVC cap



Bypass flange for 2" flow-through (#520345)



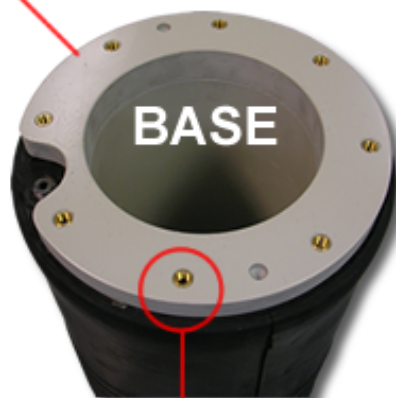
Bypass flange for 4" flow-through (#514958)

14-24" VP Series Pipe Plug

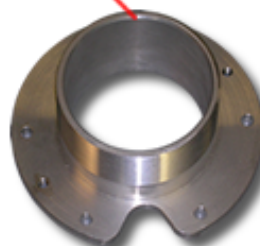
Plug base (#514949) shown here with 8-bolt pattern which accommodates 4" & 6" male threaded bypass flange



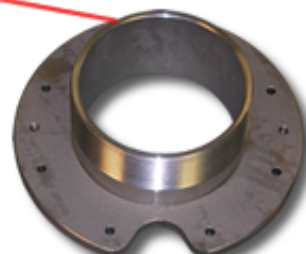
Comes with 4" or 6" PVC cap



8 bolts used on this flange are 6mm Metric



Bypass flange for 4" flow-through (#519848)



Bypass flange for 6" flow-through (#514959)

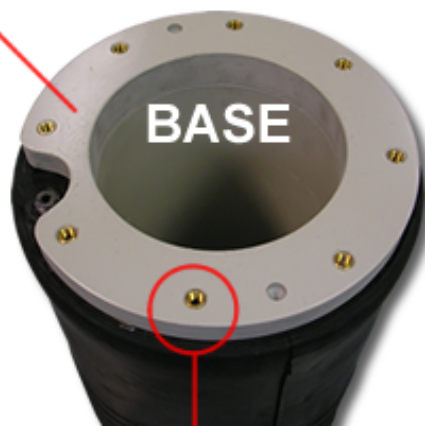
20-40" VP Series Pipe Plug

Plug base (#514950) shown here with 8-bolt pattern which accommodates 4", 6" & 8" male threaded bypass flange



Comes with 4" or 6" PVC cap

8" PVC caps are \$150.00



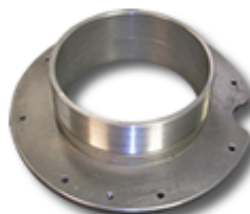
8 bolts used on this flange are 6mm Metric



Bypass flange for 4" flow-through (#520350)



Bypass flange for 6" flow-through (#519849)



Bypass flange for 8" flow-through (#514960)

Specs for 22 PSI plugs shown above


SAE MULTI SIZE PNEUMATIC TEST PIPE PLUGS WITH LARGER BY-PASS (Plugsy)											
SAE	SIZE	PIPE DIA		PLUG SPECS (DEFLATED)			EYE BOLT	AVAILABLE BY-PASS	INFLATION		TOTAL
ITEM		MIN	MAX	DIAMETER	LENGTH	PRODUCT	SIZE	THREAD SIZES	MAX	VALVE	LENGTH
#	INCH	INCH	INCH	INCH	INCH	WEIGHT	mm	(INCHES)	PSI	TYPE	w/cap
60967	6"-12"	6"	12"	5.6"	23.8"	9.5 lbs	8mm	2" MPT	22 PSI	R 1/4"	26"
60968	8"-16"	7-1/2"	16"	7-1/4"	23"	17 lbs	6mm	2" & 4" MPT	22 PSI	R 1/4"	31"
60970	14"-24"	14"	24"	12.7"	35.8"	43.7 lbs	8mm	4" & 6" MPT	22 PSI	R 1/4"	39"
514950	20"-40"	20"	40"	18.6"	48.5"	92 lbs	10mm	4", 6", & 8" MPT	22 PSI	R 1/4"	53"

Maximum allowable backpressure - Back pressure measured in dry iron pipe (PSI).

Plugsy Plugsy	SAE Pipe Diameter (inch)													
	4"	6"	8"	10"	12"	14"	16"	20"	24"	28"	32"	36"	40"	
6"- 12"		14.50	11.60	10.15	8.70									
8"- 16"			15.95	13.05	10.15	8.70	8.70							
14"- 24"						13.05	11.60	10.15	8.70					
20"- 40"								15.95	13.05	11.60	10.15	8.70	8.70	

Available accessories for these products:

Inflation Hoses



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