

- Pipe plugs - - Stopper disk -

Product List – Extract

Summary

„PLUGY Z“ and „PLUGSY S“	3
„PLUGY“ and „PLUGSY“	4
„PLUGSY VP“	5
„PLUGY EI“ and „PLUGSY EI“	7
„PLUGY PILLOW“ and „PLUGSY PILLOW“	8
„PLUGY VJ“	8
SEALING COLLARS	9
STOPPER DISK.....	9

„PLUGY Z“ and „PLUGSY S“

SINGLE AND MULTI-SIZE PLUGS OF SMALLER DIAMETERS



They can be used in all types of pipelines. The range of products comprises single-size plugs used for sealing pipes of one diameter and multi-size plugs, in which case one plug size can be used for sealing pipelines of different diameters. PLUGY sealing plugs are used in sewer pipes to stop flow, or as rear plugs when performing air test. In the rubber part of PLUGSY plugs vulcanised threaded aluminium pipe is installed to enable flow of sewage through the plug. They are also used as front plugs when performing line acceptance testing with air. All plugs are made of natural and synthetic rubber compound noted for good non-skid and compression abilities. Since plugs are not reinforced with cord they exhibit excellent stretching and sealing characteristics. They are made of anti-corrosive materials.

Sealing plugs PLUGY and PLUGSY up to size 200 mm are equipped with tyre inflation valve, which is vulcanised into the plug. A chain fixed to the valve stem and a pear-shaped handle for easier carrying and lowering of a plug can also be of help in preventing slipping of a plug along the pipe. Plugs of other sizes are equipped with an inflation valve, which is easily replaced with a quick action coupling, if required. Eyelet bolts enable lifting and lowering of plugs when a poly-lift line is used.



Plug „PLUGY Z“					
Order-No.	Size Usage Range	Ø (mm)	Length (mm)	Weight (kg)	Inflation Pressure (bar)
31.000	25 (Z1)	19	98	0,02	2,5
31.001	37 (Z1 1/2)	32	100	0,07	2,5
31.002	50 (Z2)	45	102	0,11	2,5
31.003	50-75 (Z2-3)	45	110	0,11	2,5
31.004	75 (Z3)	70	115	0,23	2,5
31.005	75-100 (Z3-4)	70	130	0,25	2,5
31.006	100 (Z4)	85	175	0,39	2,5
31.007	100-150 (Z4-6)	85	195	0,42	2,5
31.008	150 (Z6)	142	220	1,23	2,5
31.009	150-200 (Z6-8)	142	250	1,32	2,5
31.010	200 (Z8)	174	265	2,00	2,5
31.011	250 (Z10)	218	295	3,50	2,5
31.012	300 (Z12)	274	335	6,80	2,5

Bypass plug „PLUGSY S“						
Order-No.	Size Usage Range	Ø (mm)	L (mm)	Weight (kg)	Inflation Pressure (bar)	Bypass
31.100	50 (S2)	45	110	0,17	2,5	1/8"
31.101	75 (S3)	70	115	0,32	2,5	1/2"
31.102	75-100 (S3-4)	70	130	0,35	2,5	1/2"
31.103	100 (S4)	85	175	0,59	2,5	1/2"
31.104	100-150 (S4-6)	85	195	0,63	2,5	1/2"
31.105	150 (S6)	142	220	1,88	2,5	1"
31.106	150-200 (S6-8)	142	250	2,03	2,5	1"
31.107	200 (S8)	174	285	3,41	2,5	2"
31.108	250 (S10)	218	345	5,30	2,5	2"
31.109	300 (S12)	274	395	9,25	2,5	2"

„PLUGY“ and „PLUGSY“

MULTI SIZE PLUGS FOR LARGER PIPELINE DIAMETERS

Superior plug surface pattern, proper choice of rubber compound, Rayon-Kevlar reinforcement, suitable length, low weight, excellent sealing ability, anticorrosive components, a wide range of sizes and guaranteed safety at work are properties united in Sava PLUGY and PLUGSY plugs. All plugs are equipped with quick action coupling for inflation, larger sizes have two couplings installed. The size and



number of eyelet bolts depend on plug size. Plugs can be inserted through

gullies of size 600 x 600 mm and since they are flexible, they can easily be bent at an angle up to 90 degrees.

These all-purpose plugs are used for sealing and testing of pipeline tightness with air or water. Multi-size plugs are stretchable therefore only a few plugs are required to cover pipelines of different diameters.

Plug „PLUGY“						
Order-No.	Size Usage Range	Ø (mm)	L (mm)	Weight (kg)	Inflation Pressure (bar)	
31.020	40 - 70	35	195	0,3	2,5	
31.021	70 - 150	68	335	0,6	2,5	
31.022	100 - 200	92	535	1,1	2,5	
31.023	150 - 200	142		1,8	2,5	
31.024	150 - 300	142	575	1,9	2,5	
31.025	200 - 400	192	635	3,0	2,5	
31.026	300 - 525	272	675	6,0	2,5	
31.027	350 - 600	322	865	8,4	2,5	
31.028	375 - 750	342	1085	10,9	2,5	
31.029	500 - 800	472	1185	17,3	2,5	
31.030	500 - 1000	472	1185	17,3	1,5	
31.031	500 - 1050	472			1,5	
31.032	600 - 1200	560	1800	61,0	1,0	
31.033	750 - 1500	600	2300	65,0	1,0	
31.034	800 - 1800	600	2960	105	1,0	

Bypass „PLUGSY“						
Order-No.	Size Usage Range	Ø (mm)	L (mm)	Weight (kg)	Inflation Pressure (bar)	Bypass
31.115	70 - 150	70	350	1,7	2,5	½"
31.116	100 - 200	92	550	2,3	2,5	1"
31.117	150 - 200	142	560	4,4	2,5	2"
31.118	150 - 300	142	590	4,4	2,5	1"
31.119	200 - 400	192	635	6,3	2,5	2"
31.120	300 - 525	272	675	11,9	2,5	2"
31.121	350 - 600	322	865	16,6	2,5	2"
31.122	375 - 750	342	1085	19,7	2,5	2"
31.123	500 - 800	472	1185	31,3	2,5	2"
31.124	500 - 1000	472	1185	31,3	1,5	2"
31.125	600 - 1200	560	1800	60,0	1,0	4"
02055	750 - 1500	600	2300	75,0	1,0	4"

„PLUGSY VP“

MULTI-SIZE PLUGS WITH LARGER FLOWS

These plugs cover the range from 100 to 1800 mm. Replaceable rubber sleeve and installed material do not corrode. They are reinforced with Kevlar cord and assure safe and simple handling.

The construction itself ensures flow of larger amounts of sewage through the plug. Use of plugs for testing tightness with air or water is also possible. By-pass plug is made of PPH hose and equipped with a threaded aluminium flange on the front side. The aluminium flange can easily be replaced to adjust the flow to the actual situation and requirements.

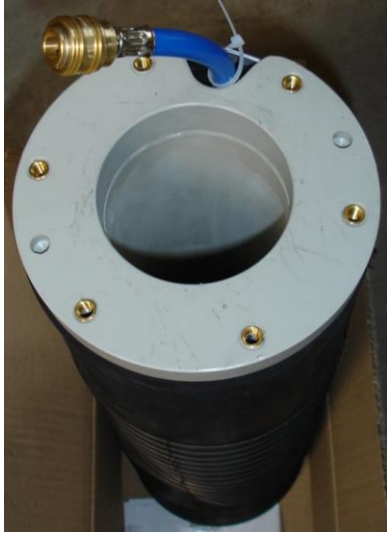
All plugs are equipped with quick action couplings for inflation. The number and size of installed eyelet bolts depend on the plug size.

The aluminum flange must be ordered from some VP plugs separately. See it on the following page!



Plugsy VP (with larger flows)						
Order-No.	Type	Size Usage Range (mm)	Bypass Ø	L (mm)	Weight (kg)	Inflation Pressure (bar)
31.150	Plugsy VP 100-150	98 - 150	2"	410	2,1	2,5
31.151	Plugsy VP 150-250	148 - 250	3", 2"	560	4,8	2,0
31.153	Plugsy VP 200-300	198 - 300	4", 2"	610	8,3	2,0
31.155	Plugsy VP 300-525	296 - 525	6", 4", 2"	740	18,5	2,0
31.158	Plugsy VP 150-300	150 - 300	2"	605	4,3	1,5
31.160	Plugsy VP 200-400	200 - 400	4", 2"	670	7,0	1,5
31.163	Plugsy VP 350-600	350 - 600	6", 4", 2"	910	20,0	1,5
31.166	Plugsy VP 500-1000	500 - 1000	8", 6", 4", 2"	1230	41,0	1,5
31.170	Plugsy VP 600-1200	600 - 1200	6"	1450	59,0	1,5
31.171	Plugsy VP 600-1200	600 - 1200	8"	1450	66,0	1,5
31.172	Plugsy VP 750-1500	750 - 1500	6"	2300	79,0	1,0
31.173	Plugsy VP 750-1500	750 - 1500	8"	2300	83,0	1,0
31.174	Plugsy VP 800-1800	800 - 1800	6"	2960	121,0	1,0
31.175	Plugsy VP 800-1800	800 - 1800	8"	2960	125,0	1,0

„PLUGSY VP“ Aluminium-Flange Overview



Delivering condition Plugsy VP



Flange/Adapter

Order-No.	Type
31.152	Alu-Flange 2" Plugsy VP 150-250
31.154	Alu- Flange 2" Plugsy VP 200-300
31.156	Alu- Flange 4" Plugsy VP 300-525
31.157	Alu- Flange 6" Plugsy VP 300-525
31.159	Alu- Flange 2" Plugsy VP 150-300
31.161	Alu- Flange 2" Plugsy VP 200-400
31.162	Alu- Flange 4" Plugsy VP 200-400
31.164	Alu- Flange 4" Plugsy VP 350-600
31.165	Alu- Flange 6" Plugsy VP 350-600
31.167	Alu- Flange 4" Plugsy VP 500-1000
31.168	Alu- Flange 6" Plugsy VP 500-1000
31.169	Alu- Flange 8" Plugsy VP 500-1000

„PLUGY EI“ and „PLUGSY EI“

MULTI-SIZE EGG SHAPE PLUGS



The shape of first three sizes is adjusted to the shape of a pipeline, while the larger two sizes are pillow-shaped to simplify insertion through gullies.

Both shapes assure excellent sealing during an air tightness test.

Plugs are available in five sizes both sealing and by-pass type.

Plug „PLUGY EI“					
Order-No.	Size Usage Range Ø (mm)		Length (mm)	Weight (kg)	Inflation Pressure (bar)
	Min.	Max.			
31.065	200/300	250/375	600	6,8	1,5
31.066	300/450	350/525	700	12,0	1,5
31.067	400/600	600/900	900	20,0	1,5
31.068	700/1050	800/1200	2300	33,0	0,9
31.069	900/1350	1000/1500	2900	50,0	0,8

Bypass plug „PLUGSY EI“						
Order-No.	Size Usage Range Ø (mm)		Length (mm)	Weight (kg)	Inflation Pressure (bar)	Bypass
	Min.	Max.				
31.186	200/300	250/375	600	8,3	1,5	2"
31.187	300/450	350/525	700	14,6	1,5	3"
31.188	400/600	600/900	900	23,5	1,5	3"
31.189	700/1050	800/1200	2300	40,0	0,9	2"
31.190	900/1350	1000/1500	2900	57,0	0,8	2"

„PLUGY PILLOW“ and „PLUGSY PILLOW“

MULTI-SIZE PILLOW-TYPE PLUGS



Due to simple construction and high-quality materials these plugs are light and flexible during use and storage. The largest plugs for diameters up to 2000 mm can be inserted through a standard gully of 600x600 mm.

Handling these plugs is quick and simple both in round as well as oval or elliptical pipelines. They seal well all types of materials (concrete, plastic and iron). A special rubber compound is highly resistant to wear and ageing. A flexible 2" hose, which is easily replaced, is built in bypass plug. The plugs of this type are used for blocking water flow in pipelines and sewage systems as well as for air-tightness tests.



Plug „PLUGY PILLOW“					
Order-No.	Size Usage Range Ø (mm)		Length (mm)	Weight (kg)	Inflation Pressure (bar)
	Min.	Max.			
31.040	600	1000	1900	22,0	1,0
31.041	800	1200	2300	29,0	0,9
31.042	1200	1600	2850	51,0	0,8
31.043	1600	2000	3700	86,0	0,6
31.044	1900	2200	4800	100,0	0,5

Bypass plug „PLUGSY PILLOW“						
Order-No.	Size Usage Range Ø (mm)		L (mm)	Weight (kg)	Inflation Pressure (bar)	Bypass
	Min.	Max.				
31.140	600	1000	1900	23,0	1,0	2"
31.141	800	1200	2300	34,0	0,9	2"
31.142	1200	1600	2850	57,0	0,8	2"
31.143	1600	2000	3700	92,0	0,6	2"
31.144	1900	2200	4800	100	0,5	2"

„PLUGY VJ“

PLUGS FOR GULLY (MANHOLES) TESTING

Common size of gullies is 610 mm. For testing tightness of such gullies Sava offers a special plug distinguished for simple handling.

The plug is relatively short and light, equipped with three eyelet bolts for simple vertical positioning of a plug during insertion procedure.

Standard accessories compatible with other Sava plugs are available for testing tightness with air.



						PLUGY VJ
Order-No.	Size Usage Range	Ø (mm) Min. Max.	L (mm)	Weight (kg)	Inflation Pressure (bar)	Bypass
31.135	600	650	360	16,0	1,5	2"

SEALING COLLARS

Guidance on use:

- We recommend sealing collars for optimal tightness in case of uneven or macroporous pipe walls.

Order-No.	Type
31.042	Sealing collars for DN 200-400
31.400	Sealing collars for DN 100-200
31.403	Sealing collars for DN 300-525
31.404	Sealing collars for DN 375-750
31.405	Sealing collars for DN 500-1000

STOPPER DISK



The robust stopper disks are available with one or two ring seals. They are designed to seal all types of pipes and for testing low-pressure piping systems. Tighten the wing nut to cause the front and back disks (plastic, steel, or aluminium) to compress the ring seal and force it against the pipe wall. This design always guarantees perfect sealing and easy



handling.

All stopper disks are a flow-through design, the threads being inch sizes. The bypass is closed with a blind cap. The recent stopper disks add good professional quality to our environmental programme.

products

Order No.: 1 ring seal	Order No.: 2 ring seals	Diameter	Size Usage Range (mm)	Bypass Diameter Female
33.011	-	1/2"	12 - 15,5	-
33.012	-	3/4"	18,6 - 24,9	-
33.013	-	1"	24,9 - 32	-
33.014	-	1 1/4"	31 - 28	-
33.015	33.016	1 1/2"	36 - 55	1/2"
33.017	33.018	2"	50 - 63	1/2"
33.019	33.020	2 1/2"	61 - 78	1/2"
33.021	33.022	3"	72 - 89	1/2"
33.023	33.024	3 1/2"	85 - 102	1/2"
33.025	33.026	4"	94 - 110	1/2"
33.027	33.028	4 1/2"	106 - 123	1/2"
33.029	33.030	5"	122 - 142	1/2"
33.031	33.032	6"	141 - 165	1/2"
33.033	33.034	7"	168 - 196	1"
33.035	33.036	8"	187 - 215	1"
33.037	33.038	9"	215 - 241	1"
33.039	33.040	10"	241 - 270	1"
33.041	33.042	11"	270 - 310	1"
33.043	33.044	12"	295 - 325	1"
33.045	-	13"	325 - 361	1"
33.046	33.047	14"	344 - 388	1"
33.048	-	15"	363 - 410	1"
33.049	33.050	16"	388 - 434	1"
33.051	33.052	18"	440 - 493	1"
33.053	33.054	19"	473 - 520	1"
33.055	33.056	20"	496 - 539	2"
33.057	-	21"	521 - 573	2"
33.058	-	22"	531 - 581	2"
33.059	33.060	24"	585 - 630	2"