

Ventilation Plugs Polyamide

Ventilation plugs

- Balances pressure differences between inner housing and the outside environment.
- Prevents damages according to pressure differences.
- Prevents the formation of water condensation in tightly-sealed standard housings.
- Membrane properties: hydrophobic, oleophobic.

Technical Details

Material	Body	PA 6 (Polyamide 6)	
	Vent Membran	Acrylic co-polymer on nylon-support	
	O-Ring	NBR	
Protection Class	IP 68 / IP 67 (for water intrusion pressure 0.1 bar)		
Flammability	V2 according to UL94		
Operating Temperature	Permanent	-20 °C to +100 °C	Intermittent
			-30 °C to +150 °C
Accessories	<ul style="list-style-type: none"> • Lock nuts • Gaskets 		
Remarks	<ul style="list-style-type: none"> • We recommend the use of lock nuts and gaskets to ensure IP rating for rough surfaces or through holes. 		



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Thread Type **METRIC** acc. to EN 60423

Size	Thread Length TL mm	Thread Ø TD mm	Spanner Width SW mm	Outer Ø D mm	max. Height H mm	Average Air Flow for ΔP = 70 mbar l/h	Water Intrusion Pressure bar	Design Type	Part Number			Packing Unit
									RAL 7035 light grey	RAL 7001 grey	RAL 9005 black	
M12x1,0	6,6	12,0	17	17,0	7,5	16	0,9	A	SBVPA-11	SBVPA-01	SBVPA-21	500
						25	0,5		MBVPA-11	MBVPA-01	MBVPA-21	
						120	0,2		HBVPA-11	HBVPA-01	HBVPA-21	
						300	0,1		UHBVPA-11	UHBVPA-01	UHBVPA-21	
M12x1,5	6	12,0	17	17,0	7,5	16	0,9	A	SBVPB-11	SBVPB-01	SBVPB-21	500
						25	0,5		MBVPB-11	MBVPB-01	MBVPB-21	
						120	0,2		HBVPB-11	HBVPB-01	HBVPB-21	
	300		0,1	UHBVPB-11	UHBVPB-01	UHBVPB-21						
	10		24	23,7	11,7	42	0,9	E	SBVPD-11	SBVPD-01	SBVPD-21	
	120					0,5	MBVPD-11		MBVPD-01	MBVPD-21		
	120	0,2				HBVPD-11	HBVPD-01		HBVPD-21			
	6	17	17,0	7,5	7,5	7,5	0,2	A	UHBVPB-11	UHBVPB-01	UHBVPB-21	
	10								UHBVPB-11L	UHBVPB-01L	UHBVPB-21L	
	6								300	0,1	UHBVPB-11L	UHBVPB-01L
	10	24	23,7	11,7	11,7	450	0,2	E	HBVPD-11	HBVPD-01	HBVPD-21	
	750					0,1	UHBVPD-11		UHBVPD-01	UHBVPD-21		
10	42					0,9	SBVPP-11		SBVPP-01	SBVPP-21		
M16x1,5	10	16,0	24	23,7	11,7	120	0,5	E	MBVPP-11	MBVPP-01	MBVPP-21	500
						450	0,2		HBVPP-11	HBVPP-01	HBVPP-21	
						750	0,1		UHBVPP-11	UHBVPP-01	UHBVPP-21	
						10	42		0,9	SBVPE-11	SBVPE-01	
M20x1,5	10	20,0	24	23,7	11,7	120	0,5	E	MBVPE-11	MBVPE-01	MBVPE-21	500
						450	0,2		HBVPE-11	HBVPE-01	HBVPE-21	
						750	0,1		UHBVPE-11	UHBVPE-01	UHBVPE-21	
						120	0,9		SBVPX-18S	SBVPX-08S	SBVPX-28S	
M40x1,5	18	40,0	-	59,5	19,0	375	0,5	F	MBVPX-18S	MBVPX-08S	MBVPX-28S	1
						1350	0,2		HBVPX-18S	HBVPX-08S	HBVPX-28S	
						2200	0,1		UHBVPX-18S	UHBVPX-08S	UHBVPX-28S	
						120	0,9		SBVPE-11	SBVPE-01	SBVPE-21	

wall thickness (E) : 2,5 mm

Size	Thread Length TL mm	Thread Ø TD mm	Hole Ø HD mm	Outer Ø D mm	max. Height H mm	Average Air Flow for ΔP = 70 mbar l/h	Water Intrusion Pressure bar	Design Type	Part Number			Packing Unit
									RAL 7035 light grey	RAL 7001 grey	RAL 9005 black	
Quick Fit 5,5	7,5	5,5	6,4	17,0	9,3	16	0,9	B	SBVQ-M11	SBVQ-M01	SBVQ-M21	500
						25	0,5		MBVQ-M11	MBVQ-M01	MBVQ-M21	
						120	0,2		HBVQ-M11	HBVQ-M01	HBVQ-M21	
						300	0,1		UHBVQ-M11	UHBVQ-M01	UHBVQ-M21	