

Ventilation Plugs

Polyamide 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.
- Material:
 - Body: PA 6
 - Ventilation Membran: Acrylic co-polymer on nylon-support
 - O-Ring: NBR (A,D & E types)
 - Gaskets: NBR (B,J & F types)
- Ingress Protection Rating: IP 68 / IP 67 (for water intrusion pressure 0.1 bar) IP 69K (only for D type)
- Flammability: V2 Acc. To UL94
- Operating temperature:
 - Permanent: -20 °C to +100 °C
 - Intermittent: -30 °C to +150 °C
- Accessories (refers to dedicated page): Locknuts

Thread Type METRIC acc. to EN 60423

Outer Thread Size (Male)	Average Air Flow for $\Delta P = 70$ mbar/1 psi	Water Intrusion Pressure	Outer Thread Length		Spanner Width		Outer Ø		Height		Design Type	Light grey RAL 7035 	Description	Part Number
			TL		SW		D		H					
			mm	in	mm	in	mm	in	mm	in				
M6x0.75	8	0.5	10	0.394	10	0.394	11	0.433	6.15	0.242	D		EP-VEP-M6-LGR-A	1SNG605001R0000
M8x1.0	15	0.5	10	0.394	12	0.472	13	0.512	6.15	0.242	D		EP-VEP-M8-LGR-A	1SNG605004R0000
M12x1.0	16	0.9	6.6	0.260	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M1210-LGR-A	1SNG605007R0000
	25	0.5	6.6	0.260	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M1210-LGR-B	1SNG605010R0000
	120	0.2	6.6	0.260	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M1210-LGR-C	1SNG605013R0000
	300	0.1	6.6	0.260	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M1210-LGR-D	1SNG605016R0000
M12x1.5	25	0.5	10	0.394	17	0.669	18.8	0.740	6.15	0.242	D		EP-VEP-M12-LGR-A	1SNG605019R0000
	16	0.9	6	0.236	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-B	1SNG605022R0000
	16	0.9	10	0.394	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-C	1SNG605025R0000
	25	0.5	6	0.236	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-D	1SNG605028R0000
	25	0.5	10	0.394	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-E	1SNG605031R0000
	42	0.9	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M12-LGR-F	1SNG605034R0000
	120	0.5	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M12-LGR-G	1SNG605037R0000
	120	0.2	6	0.236	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-H	1SNG605040R0000
	120	0.2	10	0.394	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-I	1SNG605043R0000
	300	0.1	6	0.236	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-J	1SNG605046R0000
	300	0.1	10	0.394	17	0.669	18.5	0.728	7.6	0.299	A		EP-VEP-M12-LGR-K	1SNG605049R0000
	450	0.2	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M12-LGR-L	1SNG605052R0000
	750	0.1	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M12-LGR-M	1SNG605055R0000
M16x1.5	42	0.9	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M16-LGR-A	1SNG605058R0000
	120	0.5	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M16-LGR-B	1SNG605061R0000
	450	0.2	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M16-LGR-C	1SNG605064R0000
	750	0.1	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M16-LGR-D	1SNG605067R0000
M20x1.5	42	0.9	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M20-LGR-A	1SNG605070R0000
	120	0.5	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M20-LGR-B	1SNG605073R0000
	450	0.2	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M20-LGR-C	1SNG605076R0000
	750	0.1	10	0.394	24	0.945	26	1.024	11.7	0.461	E		EP-VEP-M20-LGR-D	1SNG605079R0000
M40x1.5	120	0.9	18	0.709	-	-	55.3	2.177	15.5	0.610	F		EP-VEP-M40-LGR-A	1SNG605082R0000
	375	0.5	18	0.709	-	-	55.3	2.177	15.5	0.610	F		EP-VEP-M40-LGR-B	1SNG605085R0000
	1350	0.2	18	0.709	-	-	55.3	2.177	15.5	0.610	F		EP-VEP-M40-LGR-C	1SNG605088R0000
	2200	0.1	18	0.709	-	-	55.3	2.177	15.5	0.610	F		EP-VEP-M40-LGR-D	1SNG605091R0000

Wall thickness (E) : 3,2 mm

Snap Size	Average Air Flow for ΔP = 70 mbar/1 psi	Water Intrusion Pressure	Snap Length		Spanner Width	Outer Ø		Height		Design Type	Light grey RAL 7035 	Description	Part Number		
			SL	Ø		D	H								
			mm	in	mm	in	mm	in	mm	in					
Snapfit 5.5	16	0.9	7.5	0.295	5.4	0.213	-	-	18.5	0.728	9.3	0.366	B	EP-VEP-SFAF16-LGR-A	1SNG605094R0000
	25	0.5	7.5	0.295	5.4	0.213	-	-	18.5	0.728	9.3	0.366	B	EP-VEP-SFAF25-LGR-A	1SNG605097R0000
	120	0.2	7.5	0.295	5.4	0.213	-	-	18.5	0.728	9.3	0.366	B	EP-VEP-SFAF120-LGR-A	1SNG605100R0000
	300	0.1	7.5	0.295	5.4	0.213	-	-	18.5	0.728	9.3	0.366	B	EP-VEP-SFAF300-LGR-A	1SNG605103R0000
	15	0.5	7.5	0.295	5.4	0.213	12	0.472	18.5	0.728	6.15	0.242	J	EP-VEP-SFAF15-LGR-A	1SNG605106R0000
	25	0.5	7.5	0.295	5.4	0.213	17	0.669	18.5	0.728	6.15	0.242	J	EP-VEP-SFAF25-LGR-B	1SNG605109R0000
	25	0.5	7.5	0.295	5.4	0.213	17	0.669	18.5	0.728	6.15	0.242	J	EP-VEP-SFAF25-LGR-B	1SNG605109R0000