



Ventilation Plugs - Stainless Steel

Ventilation Plugs are used for equalizing the pressure inside and outside the enclosure. The same is achieved with the help of a membrane inside the ventilation plug, which allows for gases (air) to pass through it while blocking liquids and particulate solids (dust). Suitable for use in hazardous areas such as mining and petrochemical industry and carries ATEX directives.

Applications / Benefits: These prevent components inside the enclosure from being exposed to pressurized gases when the enclosure heats up. (By virtue of pressure equalization) These also prevent generation of vacuum inside the enclosure when a heated enclosure cools off. (E.g. In luminaires) These help maintain IP 68 rating of the enclosure while allowing for the above benefits.

Technical Data

Material		Stainless Steel
Colour		RAL 7035 (Light Grey) RAL 9005 (Black)
Temperature Range		-20° C to +100°C Continuous, -30°C to +150°C Intermittent
Protection Class		IP 68 / IP 67 (Pressure 0.1 bar)
Flammability		V2 according to UL 94
Membrane Material		Acrylic copolymer on nylon support
Membrane Feature		Hydrophobic - Oleophobic
O Ring		Nitrile Rubber

Approvals



Ordering Information

Ventilation Plug in Stainless Steel

Cat. No.	Thread Diameter TD (mm)	Thread Length TL (mm)	Air Permeability lt/hour	Water Intrusion Pressure Bar	Size	Design Type	Standard Pack (Pieces)
SBBVP-01L	12	10	16	0.9	M 12 x 1.5	C	50
SBBVP-02L	16	6	16	0.9	M 16 x 1.5	C	50
SBBVP-03L	20	6	16	0.9	M 20 x 1.5	C	25
SBBVPX-05	40	10	120	0.9	M 40 x 1.5	D	10