



Waterproof Pressure Relief Vent

Product Overview

- IP67 plastic screw-in vent, with fitted silicon o-ring, designed to keep liquids, oils, and moisture out of sealed enclosures.
- Breathable with high air permeability, for balance of pressure, reducing stress on seals and gaskets.
- Expanded polytetrafluoroethylene (e-PTFE) membrane reduces build-up of condensation to ensure long service life and trouble-free maintenance, preventing salt crystals and water vapour.
- Suitable for application in communication equipment, solar energy equipment, automobile electronics, LED lighting, security systems, and other industrial applications.



Technical Data

PART NUMBER	DESCRIPTION	THREAD SIZE
CBPVMBM12	Black Vent + O-ring	M12x1.5
CBNPBM12A	Black Plastic Nut	M12x1.5

SPECIFICATION	
Colour	Black
Ingress Protection (IEC 60529)	IP67
Flammability Rating	UL94-V0
UV Protection	UL946C-f1
Material	PC body + Silicon o-ring
Membrane	e-PTFE
Operating temperature	-40°C to +125°C
Air Permeability (A/P)	≥1100ml/min ; Δp=7Kpa
Water Entry Pressure (WEP)	> 40Kpa

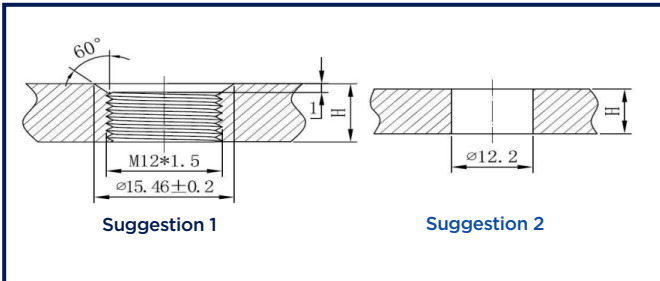
Available in grey and white, alternative gland sizes and flow-rates, upon request and MOQ

Installation Reference

H = the wall thickness.

Suggestion 1 - For wall thickness $H > 3\text{mm}$, it is recommended to use a threaded hole specification M12x1.5, with the sealing o-ring seated in countersink.

Suggestion 2 - For wall thickness $H < 3\text{mm}$, it is recommended to use a through hole diameter $\varnothing 12.2$, retained with locking nut, sealing o-ring onto a flat face.



Recommended install torque 0.7-1.0Nm, do not exceed 2.5Nm

Technical Drawing

