



IP Protection Vents



**No Pressure
on seals**

**Prevents entry of
dust and moisture**

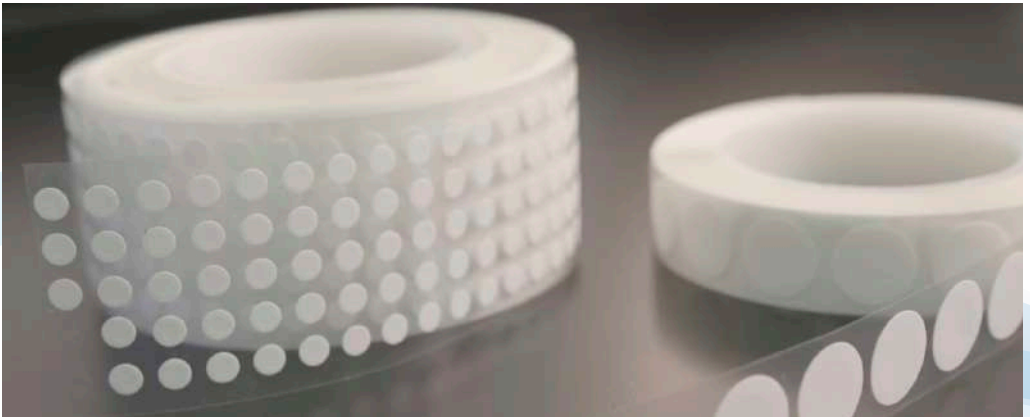


**Allows
exchange of air**

Modern electronics have to perform reliably and consistently in often demanding conditions. Electronics are vulnerable to a multitude of environmental and operational factors, and choosing the right components in your enclosure design is essential.

Challenges such as densely-packed components creating high internal temperatures and pressures, frequent condensation leading to warranty claims, and longer life products demanding the entire system be robustly protected from dust and water ingress are becoming common place.

PorVent[®] IP protection vents are made keeping these problems in mind. Our robust Screw-in series and low-profile Adhesive vent series are made from breathable polytetrafluoroethylene (PTFE) membranes that keep water and dust out of electronics, while equalizing air pressure as temperatures fluctuate. We can also customize PTFE membrane configurations to allow for customized airflow properties and repellence to oils and other aggressive liquids.



PorVent[®] Protection Vents are designed to protect your equipment:



Rapid pressure equalization



Reduces costs by optimizing enclosure design



Prevents condensation and water ingress



Easily integrates into existing systems



Protects from dust and debris



Extends field-life

Expertise in a broad variety of applications:



Automotive lights, EV Batteries, ECU's, IP Cluster



Outdoor enclosures, Cameras and Industrial Lightings

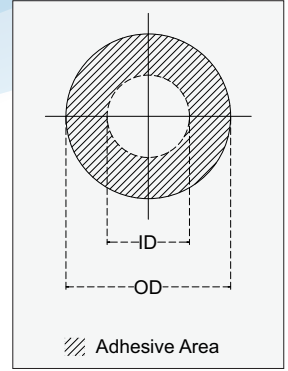


Telecom systems, Solar components, Outdoor sensors

Products suited to your needs

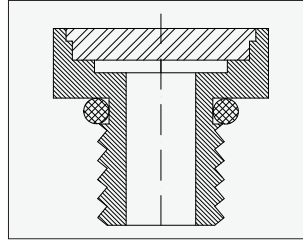
Adhesive Discs

Dimension OD / ID (mm)*	Material Series			
	AD01	AD02	AD03	AD04
7.0 / 3.0	PV-AD01A	PV-AD02A	PV-AD03A	PV-AD04A
10.0 / 7.0	PV-AD01B	PV-AD02B	PV-AD03B	PV-AD04B
12.7 / 7.1	PV-AD01C	PV-AD02C	PV-AD03C	PV-AD04C
20.0 / 13.0	PV-AD01D	PV-AD02D	PV-AD03D	PV-AD04D

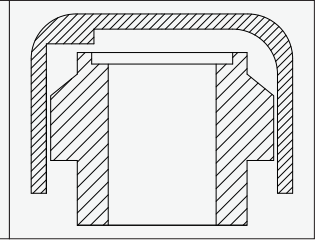


Moulded Components

Series	Size
Screw-in	M10 x 1.5mm
Screw-in	M12 x 1.5mm
Press-fit	Fitment OD 7.5mm



Screw-in Series



Press-fit Series

Certified to meet Industry standards*:

Water & Dust ingress : IP 65, 66, 67 & 68

Flammability : UL 94 V-0, 5VA

Outdoor suitability : UL 746C f2


Thermal Cycle : IEC 60068-2-14:2009

*Speak to a PorVent® representative to know more.



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