Protective Vents

Flooded "Water-Proof" Enclosure

Rapid temperature changes can cause a vacuum inside a sealed enclosure.

- Moisture can be pulled into the enclosure through seals and cables.
- The seals can be further stressed (IP reduction), allowing additional damaging moisture and contaminants to enter the enclosure.
- Trapped condensation can cause damage / corrosion.

How Can The IP Rating Be Sustained?

Just drilling a 'drain hole' is no longer allowed as per AS/NZS3000:2018, 1.7.2 Installation Work Practice.

GORE® Breather Glands provide a comprehensive solution.

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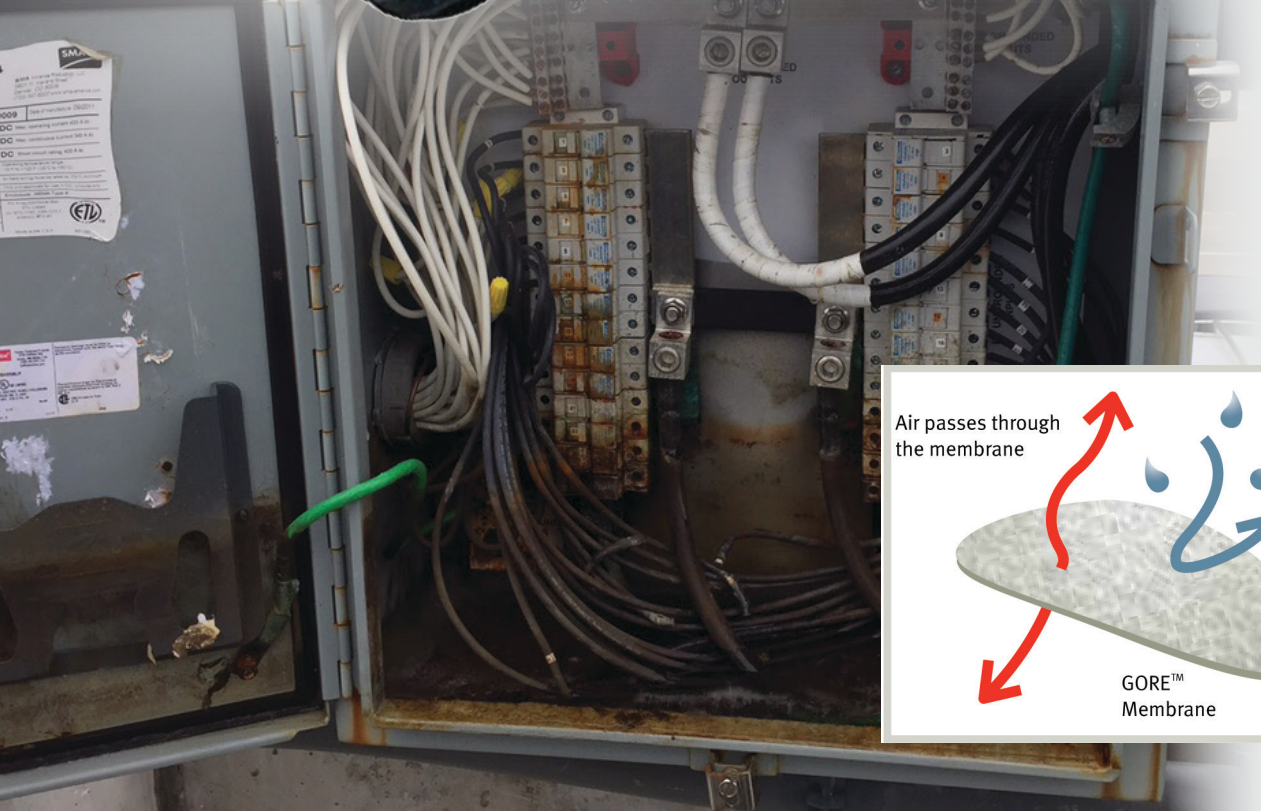
They sustain today's required high IP ratings (IP68 / IP69K), as they:

- Rapidly and continuously equalise pressure differentials
- Effectively reduce condensation
- Block ingress of dust, dirt and water



Improve Product Performance And Increase Lifetime Of Your Sensitive Electronic Equipment

Realise the Benefits of GORE® Protective Vents

Equalise Pressure

Rapid temperature changes can cause a vacuum inside a sealed enclosure. GORE® Protective Vents relieve pressure buildup by allowing continuous airflow through the vent.

Integrate Easily

Available in multiple designs and sizes, GORE® Protective Vents are engineered with screw-in, snap-in, or adhered constructions that integrate easily into your housing design.

Prevent Contamination

GORE® Protective Vents increase reliability of sensitive electronics by providing a durable barrier against contaminants such as liquid, insects, salt, sand and even dust.

Extend Lifetime

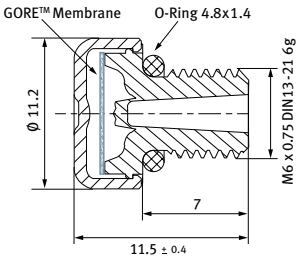
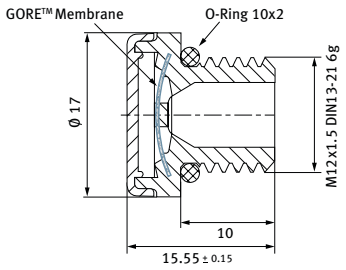
GORE® Protective Vents extend product lifetime by relieving pressure and reducing condensation without requiring stronger seals, additional bolts or other ruggedised solutions.

Reduce Condensation

Condensation can cause damage to sensitive electronics. GORE® Protective Vents minimise condensation by allowing water vapor to diffuse through the microporous membrane.

Meet Industry Standards

With sophisticated laboratories throughout the world, Gore tests its venting products to meet the most rugged protocols of UL, TÜV and IEC standards for enclosure protection.

Product Name	PolyVent XS	PolyVent High Airflow
Thread Size	M6x0.75	M12x1.5
Product Code	**PMF100600**	**PMF100585**
Product Performance Characteristics		
Typical airflow	300 ml/min (dp = 70 mbar)	4 l/min (dp = 70 mbar)
Membrane characteristic	Oleophobic	Oleophobic
Lock nut: **part code** / material / color	**M10510-017** / Stainless Steel (SS304)	**M10510-009** / Plastic / Grey
Dimensions Units are in mm		

Also availble in:
Stainless Steel
Ex+ IECEx & ATEX certified

Suitable for very small enclosures
e.g. pendants, rotary limit switches

Suitable for small to large enclosures

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