

GORE™ Protective Vents Increase product reliability, safety and extend product life

Incorporating GORE™ Protective Vents in enclosure and device designs provides an added level of protection against forces in harsh environments.

Sealed enclosures and devices are vulnerable to failed seals, condensation and contamination due to internal pressure differentials caused by changes in temperature, environment and altitude.

VENTING FOR PROTECTION

Utilizing microporous membranes from the experts in ePTFE technology development, WL GORE™, Gore Protective Vents allow enclosures to breathe, continuously equalizing pressure for reduced stress and condensation management while blocking out liquids, dirt, dust and other contaminants.

Depending on the application, vents;

- Equalize internal pressures preventing seal failure leading to leaks
- Maintain a sealed enclosure by being a barrier to contaminants
- Manage moisture and condensation through continuous air exchange
- Allow gases from batteries to safely exit an enclosure
- Better protect electronics in harsh environments



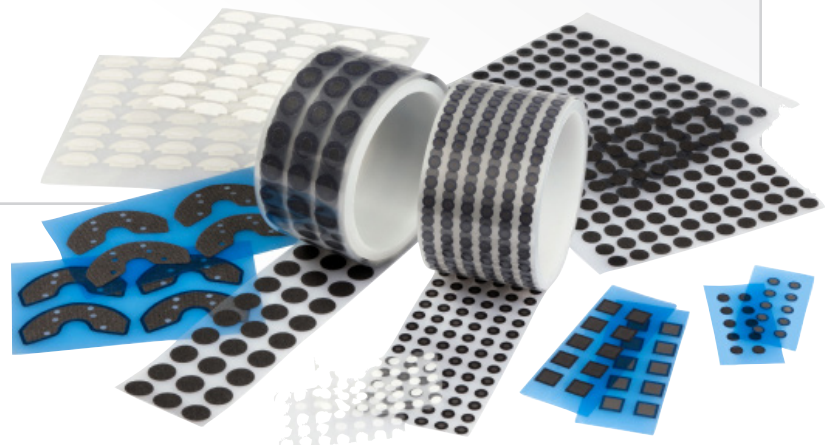
DIVERSE PRODUCT LINE ENGINEERED FOR SIMPLE INTEGRATION

GORE™ Protective Vents are available in a choice of adhesive patch, screw-in and snap-in constructions for easy integration into product designs.



VERSATILE OFFERING:

- Patch styles available in a range of materials and sizes with acrylic or silicone PSA attachment
- Available in molded plastic or metal housings, with snap and screw-in options, for increased durability
- Have enhanced chemical resistance due to the ePTFE membrane
- Tolerate temperatures ranging from -40°C to 125°C
- Can comply with ingress protection standards up to IP69k



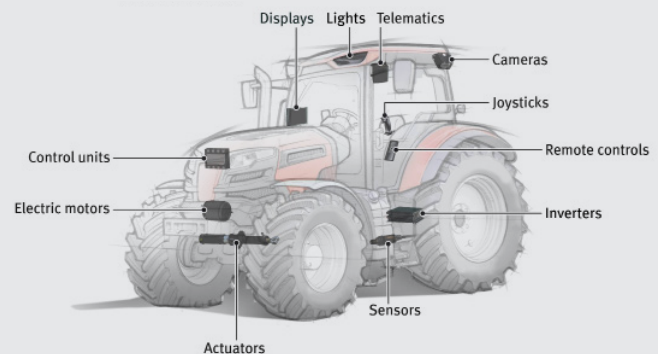


Realize the Benefits of GORE™ Protective Vents:

- Reduced stress on enclosure seals through rapid equalization of pressure
- Protection of internal components from water, cleaning agents and other low-surface-tension fluids due to reliable oleophobic ePTFE properties
- Reduced internal pressure buildup of hazardous battery gases due to superior airflow
- Easy integration for design and manufacturing with multiple vent options that complement aesthetics
- Superior global technical support and broad application knowledge from Gore's engineering experts, with over 200 million installations worldwide

GORE™ PROTECTIVE VENTS PROVIDE VALUE TO A WIDE ARRAY OF APPLICATIONS INCLUDING:

- Industrial and Mobile Equipment Control Modules
- Outdoor Telecommunications Equipment
- Security Cameras
- Traffic Monitoring
- LCD Displays
- Joysticks
- Rechargeable Devices
- Avionics
- Shipping Containers
- Lighting
- Solar Energy Infrastructure



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