

# MATERIAL SPOTLIGHT



## POREX® PTFE Membrane Vents

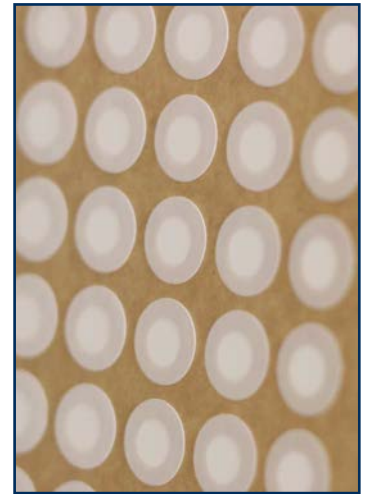


### Protective Vents for Electronic Enclosures

PTFE membrane vents are used in sealed devices to allow pressure equalization due to temperature changes and minimizes condensation while keeping dust, dirt, and moisture out.

### Key Benefits

- IP 64, 65, 66, 67 & 68 rated
- UL 94 V-0, 5VA and UL746C f1 approvals
- Natural hydrophobicity
- Oleophobic
- UV and weather resistant
- Chemically inert
- Thermally resistant (500°F continuous use)
- Omni-directional flow
- High tensile strength
- Resistance to thermal cycle fatigue



### COMMON APPLICATIONS



#### LIGHTING

- Street Lighting
- Architectural LEDs
- Rugged Luminaires
- Taillights, Headlights



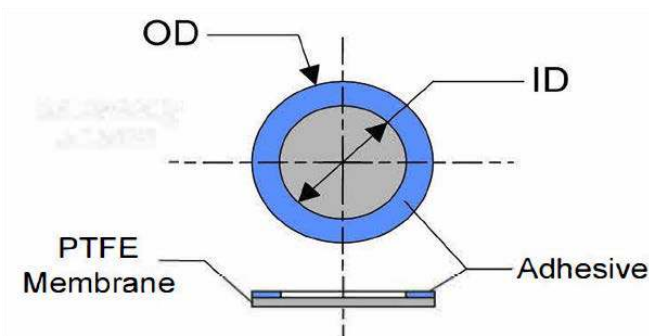
#### AUTOMOTIVE

- Electronic Motor Housing
- Lighting
- Engine Management System
- Battery Systems
- Airbags



#### ELECTRONICS

- Sensors
- Digital Device Enclosures
- Battery Systems



**Marian** is a POREX Preferred Converter, manufacturing PTFE components with pressure-sensitive adhesive laminated to the back to expose the center of the PTFE material to allow airflow through the vent.

While discs are a commonly requested shape, Marian also supplies many custom shapes, sizes, in various combinations of Porex vent materials and select PSA products.

