

# OXYPAD® SELF-ADHESIVE MEMBRANE PADS

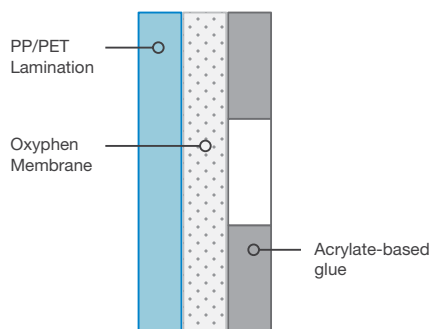
Protect your housing against water and dust

To achieve more consistent and reliable ventilation, OxyPad® hydrophobic self-adhesive membrane pads can be applied easily during the production process. Our membrane pads have a circumferential adhesive and are attached along the border of a free membrane space. Various adhesives are available to meet the specific requirements of the venting application. While offered in standard sizes, customized shapes can be provided with minimal incremental cost.

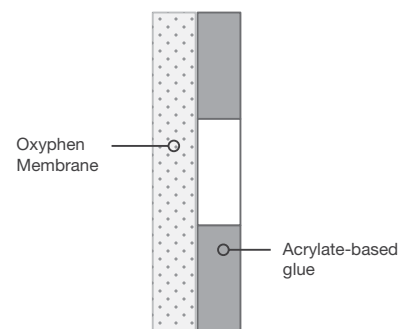
## Key Benefits

- Wide variety of customizable design options
- Easily integrated into automatic assembly processes
- Usable on materials where welding is no option (e.g. metals)
- Space-saving mounting
- 100% free of PFOA: Compliant with (EC) 1907/2006
- REACH / Regulation (EU) 2019/1021 POP

## Self-adhesive pad **with** lamination



## Self-adhesive pad **without** lamination



## Standard Sizes

<b>Outer Diameter [mm]</b>	5	7	8	10	14
<b>Free membrane diameter [mm]</b>	2	3	4	5.5	8

Note: Other dimensions are available on request

## Available Options

<b>Temperature range, standard adhesive</b>	- 40 .... + 125° C
<b>Temperature range, high-temperature adhesive</b>	- 40 .... + 150° C
<b>Hydrophobic/ Oleophobic treatment<sup>1</sup></b>	Grade up to 7.5; AATCC TM 118
- <b>Salt spray resistance test<sup>2</sup></b>	According to IEC 60068-2-52; based on validation by the customer
- <b>Temperature resistance test<sup>1</sup></b>	In accordance with ISO 16750-4
- <b>Ice water shock test<sup>2</sup></b>	In accordance with ISO 16750-4
- <b>Climate resistance test<sup>1</sup></b>	In accordance with ISO 16750-4
- <b>Chemical resistance test<sup>1</sup></b>	According to LV124/ ISO 16750-5
- <b>IP Protection<sup>1</sup></b>	IP 64/65/66/67/68, according to DIN 40050

<sup>1</sup> Testing in progress

<sup>2</sup> Based on customer validation

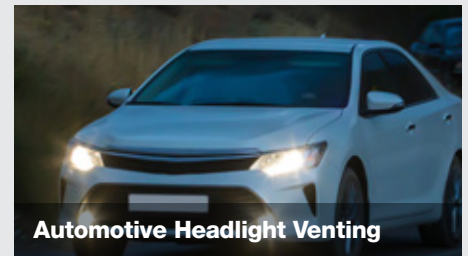
Membranes for high protection level or membranes with maximum gas flow can be combined with different types of adhesive, as specified by the requirements of the customer.



## Membrane Technologies Available

- Unique-Mem® track-etched membrane technology
- RoTrac® track-etched membrane technology
- Fiber-based membrane technology

## Related Applications



**Automotive Headlight Venting**



**Automotive Battery Venting**



**Healthcare Venting**



**Industrial Venting**