

OXYDISC® MEMBRANE DISCS

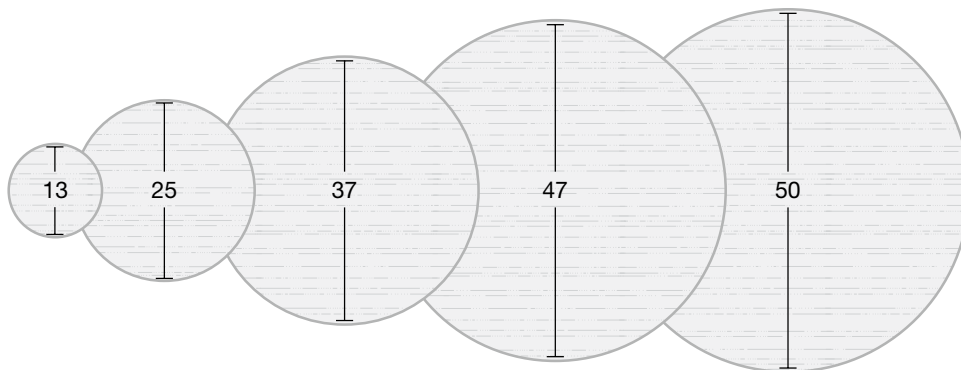
Assemble pre-punched hydrophobic or hydrophilic membranes easily into a housing

OxyDisc® pre-punched membrane discs can be produced using either hydrophobic or hydrophilic membranes for any filtration or venting application. The discs can be manufactured on a liner for use in a high-speed processing system or individually in special blister packaging. While offered in standard sizes, customized shapes and sizes can be provided with minimal incremental cost.

Key Benefits

- Easy to handle
- Ideal for a disposable solution
- Various mounting options, such as welding, clamping and sticking
- 100% free of PFOA: Compliant with (EC) 1907/2006
- REACH / Regulation (EU) 2019/1021 POP

Standard Product Sizes (mm)



Note: Other dimensions are available on request

Material Options

PET with no lamination

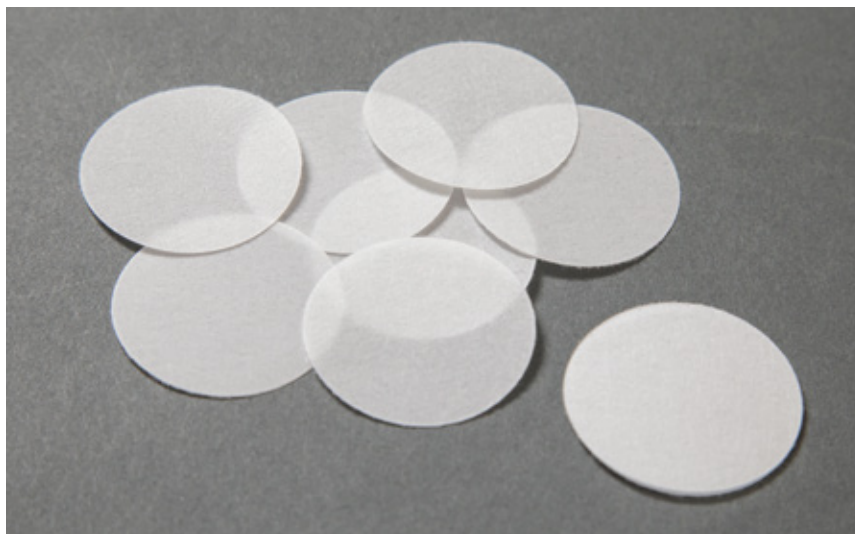
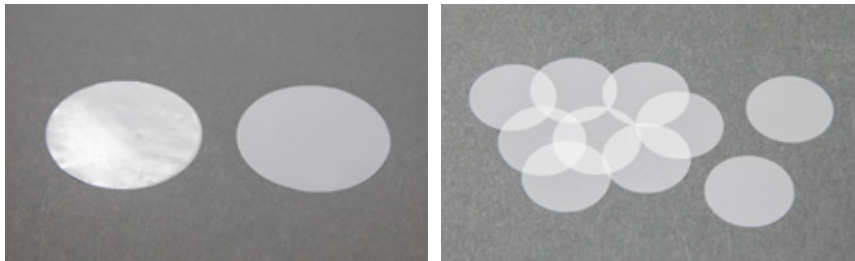
PET with lamination of PET or PP (hydrophilic or hydrophobic)

Available Options

Temperature range without lamination	- 40 + 160° C
Temperature range with lamination	- 40 + 135° C
Hydrophilic treatment	Yes
Hydrophobic/ Oleophobic treatment¹	Grade up to 7.5; AATCC TM 118
- Salt spray resistance test²	According to IEC 60068-2-52
- Temperature resistance test¹	In accordance with ISO 16750-4
- Ice water shock test²	In accordance with ISO 16750-4
- Climate resistance test¹	In accordance with ISO 16750-4
- Chemical resistance test¹	According to LV124/ ISO 16750-5
- IP Protection¹	IP 64/65/66/67/68, according to DIN 40050

¹ Testing in progress

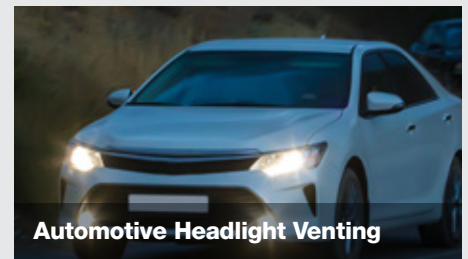
² Based on customer validation



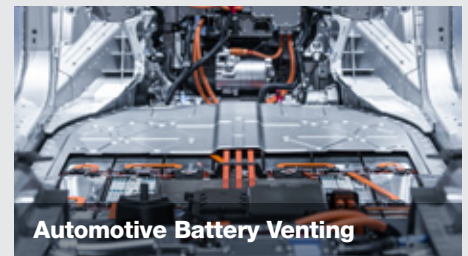
Membrane Technologies Available

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

Related Venting Applications



Automotive Headlight Venting



Automotive Battery Venting



Healthcare Venting



Industrial Venting