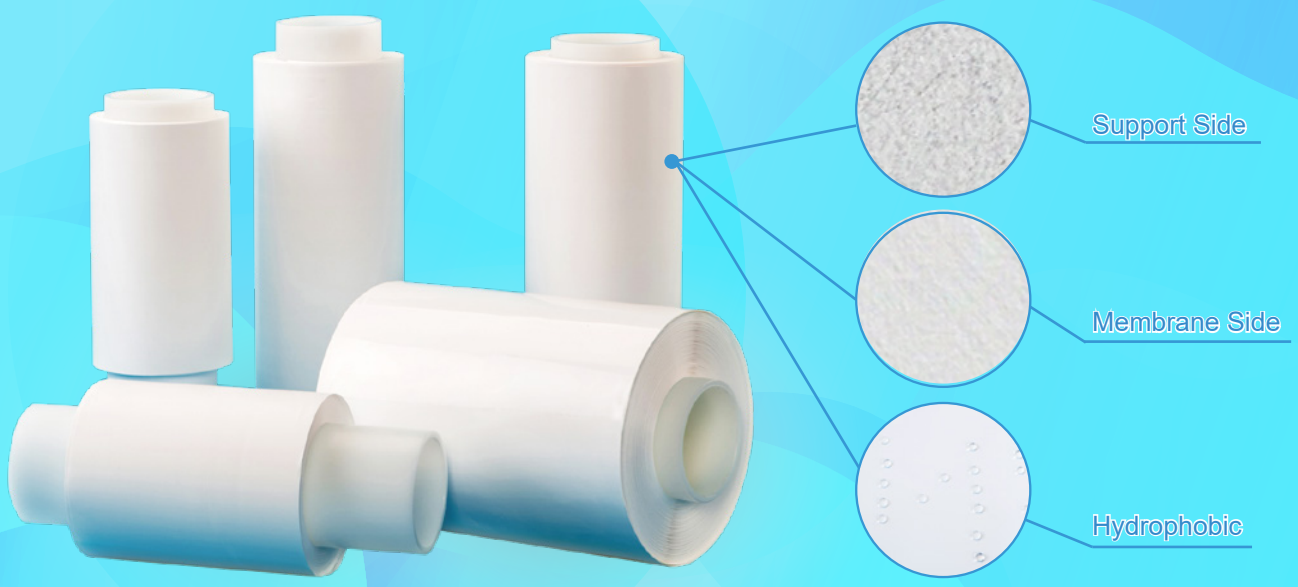
MS®PTFE Hydrophobic Venting Membrane

Membrane Solutions

Introduction

The PTFE venting membrane provided by MS has strong hydrophobicity, which allows for system breathing while preventing the passage of water and impurities. Widely used in electronic devices, sensors, packaging materials, etc. We now offer three types of support, including pure PTFE film, PP support, and PET support for your choice.



FEATURES

- High air flowrate
- Excellent hydrophobic
- Widely chemical resistance
- Uniform performence
- High mechanic strength

APPLICATION

- Electronic element protection
- Lighting housing
- storage tank
- Battery pack
- Transmission system
- telecommunication system
- Solar system
- Packaging venting
- Outdoor electronic equipment

+1-866-528-4572
info@membrane-solutions.com
www.membrane-solutions.com
4530 B STREET NW #A,AUBURN WA 98001,USA

MS®PTFE Hydrophobic Venting Membrane

Membrane Solutions

Product Specifications

Product Name	Pore Size (μm)	Width(mm)	Water Entry Pressure (kPa)	Column Height (m)	Air Flowrate (L/min/cm²@7kPa)	IP Grade	Temperature Resistance
PTFE Hydrophobic Venting Membrane	0.1	260-508	≥500	55	≥0.2	IP68	T_{min}= -40 ℃ T_{max}= 260 ℃
	0.2		≥450	50	≥0.4	IP68	
	0.45		≥250	30	≥0.6	IP68	
	1.0		≥100	12	≥1.2	IP67/68	
	3.0		≥80	10	≥1.7	IP66/67	
	5.0		≥5	1	≥5	IP66	

Ordering Information

VET — **045** — **B51**

Name	Pore Size	Support Layer
VET	010=0.1 μm 022=0.22 μm 045=0.45 μm 100=1.0 μm 300=3.0 μm 500=5.0 μm	A12——PP A16——PP H60—— PP/PE H70—— PP/PE B51——PET N——None Support

*If you have special width and aperture requirements, please contact us:info@membrane-solutions.com

+86 021-61478109 / 0513-81523002 info@membrane-solutions.com www.membrane-solutions.com

2202,BlockD,PudongDevelopmentPlaza,No.1759 ZhongshanNorthRoad,Putuo District,Shanghai,China