



# Waterproof Venting Membrane

Series MV-7 Hydrophobic & Oleophobic  
without backing material

## Characteristics of the membrane

All ePTFE membrane construction without backing material

Membrane Characteristics: Hydrophobic and Oleophobic

AATCC 118 Oil Rating: 6

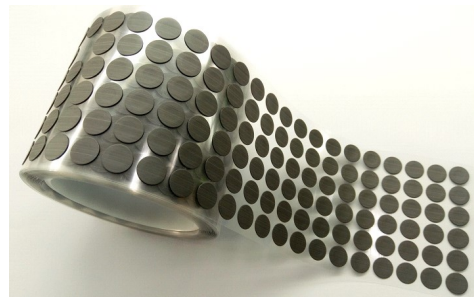
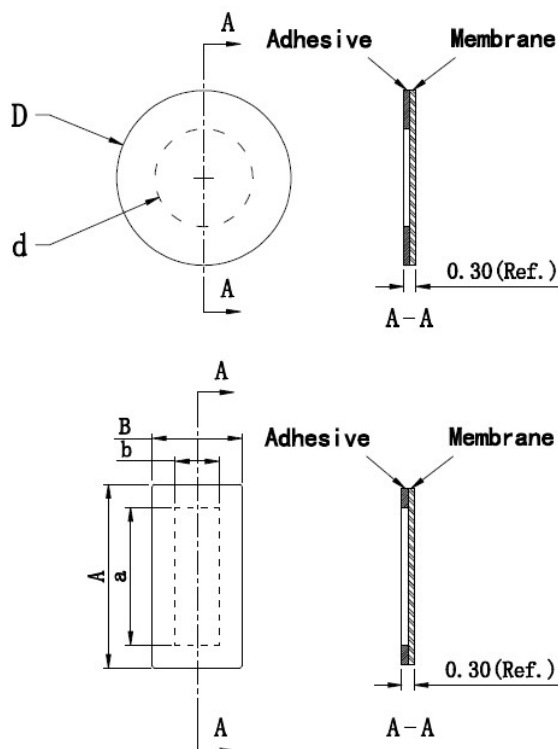
Water entry pressure:  $\geq 0.35\text{bar}/60\text{s}$ ;

Airflow:  $\geq 130\text{ml}/\text{cm}^2/\text{min}$  at 70mbar;

Membrane type: MV-2FB-20

Membrane material: PTFE 100%

Operating Temperature:  $-40^{\circ}\text{C}$  to  $125^{\circ}\text{C}$



## Suggestion for install

Install to the inner wall of housing shell. The bonding strength of the membrane silicon to the shell is determined by housing material, surface treatment and avoid contamination during the membrane's removal and installation. For more install information please contact our sales engineer.



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### Items of the products

Part number	Inner & outer Diameter /BXA(bxa)	Standard airflow L/h , at70mbar	Numbers of each line	Volume of each roll	Width of the backing material mm
MV-70307	Φ3XΦ7	≥0.6	9	10000pcs	95
MV-70308	Φ3.3XΦ7.6	≥0.7	9	10000pcs	95
MV-70510	Φ5.5XΦ10.2	≥1.9	7	5000pcs	95
MV-70712	Φ7.1XΦ12.7	≥3.1	6	5000pcs	95
MV-70814	Φ8XΦ14	≥3.9	5	5000pcs	95
MV-70919	Φ8.9XΦ19.1	≥4.9	4	5000pcs	95
MV-71221	Φ12.5XΦ21.5	≥9.6	3	5000pcs	95
MV-72029	Φ20XΦ29	≥24.5	3	5000pcs	95
MV-71638	16X38(7X29)	≥15.8	4	2000pcs	95
MV-72030	19.5X30(9.5X20)	≥14.8	4	2000pcs	95
MV-72040	19.5X40(9.5X30)	≥22.2	4	2000pcs	95
MV-72051	19.5X51(9.5X41)	≥32	4	2000pcs	95
MV-72828	28x28(16.5X16.5)	≥21	3	2000pcs	95

### Note:

The adhesion property of Microvent membrane is determined by the way used to paste the membrane to shell surface of products after the membrane is removed from the film. The related factors include design, seal and install technics ; Microvent would provide suggestion and guidance based on previous experience. However, it is the customer's duty to test the suitability and usability of the vents when it applied in products. To choose a Microvent venting membrane for your specific product, please contact our sells stuff. The above information is subject to change without prior notice.