



LIFE'S WORTH IT

RESPILON has been helping people from all over the world to live better and healthier lives since 2013

TECHNICAL DATA SHEET

RWM-6.0

RESPILON® WINDOW MEMBRANE

- Filtering fine dust and ultrafine dust
- Catches UV
- Excellent permeability
- Protect against insects
- No chemicals
- Catches pollen
- Stops rain
- Washable

WEIGHT
100 g/m²

WIDTH
1500 mm

STRUCTURE

MATERIAL

Face (top layer):

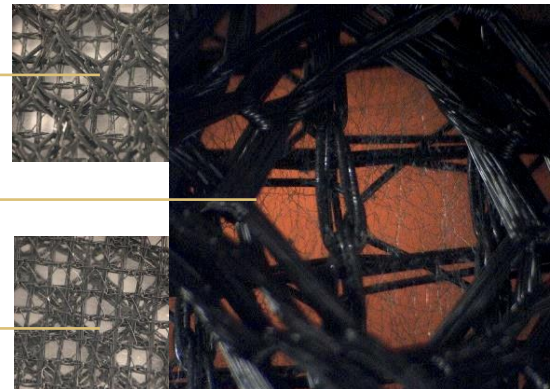
PET
Polyethylene terephthalate

Membrane:

PVDF
Polyvinylidene fluoride

Back (bottom layer):

PET
Polyethylene terephthalate



Physical Property	VALUE	UNIT	TEST METHOD
Basic Weight	100±5	g/m ²	ISO 536
Color	black/black		-
Width (available)	≥1500	mm	-
Thickness	0.35 ± 0.05	mm	SO 9073-2
Filtration Efficiency	above 85	%	ASHRAE Standard 52.2
Filtration Efficiency of pollen grains	above 95	%	KAKEN Method
Air Permeability	above 300	cm ³ /cm ² /s	JIS L 1096
	above 590	CFM	ASTM D 737
Bursting Strength	above 450	N	KS K 0350



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The unique filtering ability of the membrane is provided by a nanofiber layer locked inside the membrane. Technically the RESPILON window membrane is a three-layer laminate containing a breathable mesh and a nanofiber layer.

Fabric components used in the membrane are sterilized against UV radiation. The compactness is ensured by material lamination. RESPILON window membrane is suitable for use in the households of allergic and asthmatic people, as well as those people with cardiovascular disorders or pulmonary disease, who live in areas or regions with high levels of air pollution.

SUPPLIER:

RESPILON

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