

POREX[®] Virtek[™] PTFE Materials

PMV10

Parameters	Value	Unit of Measurement
PTFE MEMBRANE	100%	CAS No. 9002-84-0
WATER ENTRY PRESSURE (WEP)	Min 175, Typical 270	mbar
AIR FLOW	Min 70, Typical 107	l/hr/cm ² Δp 70mbar
THICKNESS	0.13	mm ±0.03mm
UL RATING*	V-0, f2	UL 94, UL746C
IP RATING*	64,67	BS EN 60529: 1992
FILTRATION EFFICIENCY*	0.5μ	IEST RP-CC007.2 2009

The values stated above for Airflow and WEP are based on Porex QC test methods - Information available on request. Testing is not to any national or international standard. Different test methods and equipment may produce different results.

* Values based on representative sample. Testing is not conducted as part of the roll approval process. Samples are intended for evaluation purposes only and not intended for specification.

Additional Information

- Can be supplied in format of:
 - Master rolls (330 ±5mm width) on 75mm (3") plastic core
 - Slit rolls on a 75mm (3") plastic core
 - Die cut shapes
- Assembly Suggestions:
 - Ultrasonic welding
 - Thermal welding
 - Over-moulding
 - Pressure Sensitive Adhesive
 - Compression seal
- Raw material is compliant with:
 - PFOA Free, Compliant with (EC) No 1907/2006 REACH and Persistent Organic Pollutants (POP) EU 2019/1021.
 - Compliant with RoHS, WEEE, REACH
 - Operating temperature range: -40 to 260°C
 - Passes salt fog test: Test Method ASTM B117-11



Other

Naturally hydrophobic