

# POREX<sup>®</sup> Virtek<sup>™</sup> PTFE Materials

## PMV27

Parameters	Value	Unit of Measurement
PTFE MEMBRANE	100%	CAS No. 9002-84-0
WATER ENTRY PRESSURE (WEP)	Min 750, Typical 1050	mbar
AIR FLOW	Min 2, Typical 7	l/hr/cm <sup>2</sup> Δp 70mbar
THICKNESS	0.19	mm ±0.015mm
UL RATING*	V-0, f2	UL 94, UL746C
IP RATING*	65,66,67,68 <sup>1</sup>	BS EN 60529: 1992
FILTRATION EFFICIENCY*	0.1μ	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

<sup>1</sup> IP68 is a user defined test