

POREX Virtek® PTFE Materials

BM55

Parameters	Value	Unit of Measurement
PTFE MEMBRANE	100%	CAS No. 9002-84-0
PORE SIZE (mean capillary flow)*	4	Microns (nominal)
AIR FLOW	Min 18, Typical 50	l/hr/cm ² Δp 70mbar
WATER ENTRY PRESSURE	Min 50, Typical 180	mbar
THICKNESS	2	mm ±0.25mm

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 historical data. 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
 - Die cut shapes
- Assembly suggestions:
 - Over-moulding
 - Pressure Sensitive Adhesive
 - Compression seal
 - Push Fit
- Sterilisation method:
 - Steam/Autoclave (repeated use)
 - EtO
- PTFE Raw material is compliant with:
 - FDA 21CFR 177.1550
 - USP 28, NF 23, 2005, for USP Class VI Plastics at 70°C
 - PFOA Free, Compliant with (EC) No 1907/2006 REACH and Persistent Organic Pollutants (POP) EU 2019/1021
 - Operating temperature range: -40 to 260°C



Other

Naturally hydrophobic