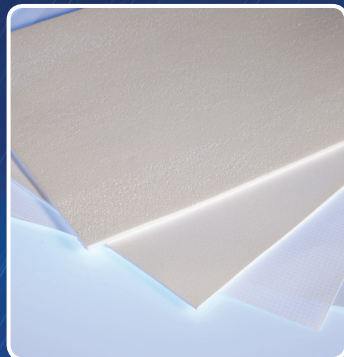
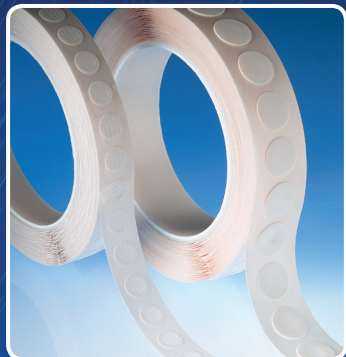


POREX® IP-Rated Protection Vents

PTFE Membrane Vents



Key Benefits

- IP 64, 65, 66, 67 & 68 rated
- UL 94 V-0, 5VA and UL 746C f1 approvals
- Compatible with ultrasonic, vibrational, and thermal welding as well as insert molding
- UV and weather resistant
- Chemically inert (Pure PTFE)
- Thermally resistant (500°F / 260°C continuous use)
- No membrane support backing required
- Omni-directional flow
- High tensile strength
- Resistance to thermal cycling fatigue
- Standard or custom sizes available
- Available in sheets, rolls, discs or adhesive backed shapes

Genuine Porex™: Faster, better & cost-effective functional components.

POREX® Protection Vents used in sealed devices allow pressure equalization due to temperature changes and minimizes condensation while keeping dust, dirt, and liquid moisture out. Porex microporous polytetrafluoroethylene (PTFE) membrane is UL 94 V-0 and 5VA flame rated, UL 746C listed, has IP ratings between IP 64-68, and can be tested to meet NEMA or other test standards.

Typical Membrane Properties and Ratings

Material	IP Rating †	WEP mbar	Airflow l/hr/cm² @70mbar	Filtration Efficiency** >99.99%	Thickness mm	Max Operating Temp °C	UL-94/746C*	Salt Fog
PMV10	64,67,68	270	125	0.5 µ	0.13	260°C	V-0/f1	No pen.
PMV10L***	64,67,68	270	85	0.5 µ	0.30	100°C	-	No pen.
PMV15	64,67,68	380	70	0.4 µ	0.18	260°C	V-0/f1	No pen.
PMV15B***	64,67,68	380	42	0.4 µ	0.31	100°C	-	No pen.
‡PMV15T	64,67,68	380	70	0.4 µ	0.18	260°C	-	No pen.
PMV20	64,65,68	520	34	0.1 µ	0.25	260°C	V-0/f1	No pen.
PMV20B***	64,65,68	520	20	0.1 µ	0.38	100°C	-	No pen.
PMV25	65,67,68	750	15	0.2 µ	0.10	260°C	V-0/f1	No pen.
PMV30	65,66,67,68	1000	4.5	0.1 µ	0.25	260°C	V-0/f1	No pen.

WEP = Water Entry Pressure
RoHS, WEEE, REACH Compliant
*f2 rating applies if there is water submersion
** According to IEST RP-CC007.2 2009
***Laminated polyolefin mesh backing

† IEC std. 60529, IP 68 is a user defined test; will pass condition dependent
‡ Oleophobic Grade 8, AATCC TM 118

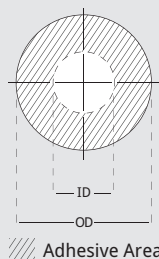
Testing results available upon request

Properties are typical and not meant for specifications. Properties for membrane only, selected options and adhesives may affect properties.

POREX® PTFE Protection Vents

Stock Product Offering - Adhesive Discs

Dimensions OD/ ID (mm)*	Material Series			
	PMV10L	PMV15	PMV20	PMV30
7.0/3.0 (N)	PMV10LN	PMV15N	PMV20N	PMV30N
10.0/7.0 (I)	PMV10LI	PMV15I	PMV20I	PMV30I
12.7/7.1 (W)	PMV10LW	PMV15W	PMV20W	PMV30W
20.0/13.0 (C)	PMV10LC	PMV15C	PMV20C	PMV30C



Dimensions OD/ ID (mm)*	Material Series	
	PMV15	Feature
12.7/7.1 (W)	PMV15WH	High temperature adhesive
12.7/7.1 (W)	PMV15WB	Black color polyethylene backing
12.7/7.1 (W)	PMV15TWH	Oleophobic with high temp adhesive

*1000 discs/roll
N, I, W & C are size codes.

Many other standard and custom sizes available.
Please contact your local Porex representative for availability
or e-mail us at electronics@porex.com



The "Genuine Porex" label is a promise that this product has been rigorously designed and tested to meet the highest standards of performance.

If it's not Porex, it's not Genuine.

Available Options and Codes:

Standard Acrylic Adhesive:	-40 to 85°C continuous. Approx. 150 micron thick
High Temperature Adhesive (H):	-40 to 150°C continuous. Approx. 150 micron thick
Oleophobic Treatment (T):	Grade 8; AATCC TM 118 test standard
Black Color (B):	Black laminated PE mesh
Laminated Backing (L):	Polyolefin mesh support backing
Dimensions:	For a listing of available dimensions please contact Porex or scan the QR code below
Liner:	Transparent film (standard) or Silicone release paper
Presentation:	Between 1-10 across depending on part dimension, single standard



Scan this QR Code to view a list of available dimensions.

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