



DeWAL® DW932V

ePTFE laminate for industrial venting applications

The DeWAL® DW932V product line is a heat stabilized, bi-axially oriented expanded PTFE (polytetrafluoroethylene) and non-woven polyester film laminate. It has the benefits of PTFE with the addition of a non-woven PET to the ePTFE membrane that improves handling and manufacturability while not compromising airflow. The controlled pore size of the ePTFE membrane keeps out dust, debris and particulate in an ideal combination of breathability and protection. The naturally hydrophobic ePTFE provides for high liquid water ingress resistance while allowing for vapor release, making it an optimal choice for pressure equalization and enclosure venting.



Due to the controlled pore size of the ePTFE, DeWAL DW932V laminate is ideal for:

- Venting and equalization of material holding enclosures
- Sealing, venting and equalization for exterior telecom and datacom enclosures
- Venting for interior and exterior electrical enclosures

| PRODUCT | CONSTRUCTION | TOTAL THICKNESS [ASTM D374] | MAX AVAILABLE WIDTH | MAX OPERATING TEMP | AIRFLOW, TYPICAL [@ 70 MBAR ASTM D737] | WATER ENTRY PRESSURE, TYPICAL [ASTM D751] | ePTFE TENSILE STRENGTH, NOMINAL [ASTM D6040]* | ePTFE ELONGATION STRENGTH, NOMINAL [ASTM D6040]* | WATER & DUST INGRESS PROTECTION [IEC 60529] |
|-----------|-----------------|-----------------------------|---------------------|--------------------|--|---|---|--|---|
| | | mm (in) | cm (in) | °C (°F) | L/Hr/cm ² | kPa (psi) | psi | % | |
| DW932V-12 | ePTFE/Non-Woven | 0.31 (0.012) | 48 (19) | 160 (320) | 170 | 276 (40) | 900 | 30 | IP67 |

Values are presented as guidelines - material should be tested to the final application needs and design
 *Property values are nominal for ePTFE film only. Laminate construct is not tested for tensile strength

| PACKAGING SPECIFICATIONS | VALUE | |
|--------------------------------|--------------------------------------|-----------------------------|
| Width | 2.54 to 60.96 cm (Product Dependent) | |
| Max. Roll O.D. | 10 in. (Product Dependent) | 25.4 cm (Product Dependent) |
| Plastic or Cardboard Core Dia. | 3 in | 7.62 cm |



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