Product Data Sheet

DeWAL® DW373TS

ePTFE Membrane for Venting Applications

The DeWAL® DW373TS series is a heat stabilized, bi-axially oriented, expanded PTFE (polytetrafluoroethylene) membrane product. It has all the benefits of PTFE: exceptional chemical resistance, dimensional stability, extreme temperature range from -268 to +260°C (- 450 to +500°F), low coefficient of friction, excellent drape characteristics, and non-stick properties. The controlled pore size and natural hydrophobicity of the expanded PTFE membrane makes it ideal for applications requiring liquid and particulate ingress protection, while allowing for vapor release and pressure equalization.

Product	Construction	Thickness Average [ASTM-D374]	Width Max Available	Density Average [ASTM-D972]	Thickness of EPTFE Average [ASTM D374]	Airflow Min [5 oz Gurley Method ISO 5636]	Airflow Min @70 MBAR [ASTM D737]	Water Entry Pressure Min [ASTM D751]	Tensile Strength Average [ASTM D6040]	Elongation Average [ASTM D6040]	Water Ingress Protection [IEC 60529]
		mm (in)	cm (in)	g/cc	mm (in)	Seconds	L/Hr/cm^2	kPa (psi)	MPa (psi)	%	
DW373TS	None ePTFE only	0.025 (0.001)	83.8 (33)	0.2	0.025 (0.001)	60	100	62 (9)	3.44 (500)	20	IPX7

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width cm, inches	2.54 to 83.8*	1 to 33*
Max Roll OD cm, inches	25.4*	10*
Plastic or Cardboard Core Diameter cm, inches	7.62	3

*Product Dependent

- Typical values shown are from testing at date of manufacture and should not be used for specification limits.
- Additional technical information and product specifications are available upon request.
- All metric conversions are approximate.

CORPORATION

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