



DeWAL® DW235 MSPU Laminate

DeWAL® DW235 MSPU is a laminate of extruded stabilized expanded PTFE bonded to polyurethane (TPU). It has the inherent benefits of PTFE with exceptional chemical resistance, crush resistance, reduced shrinkage, dimensional stability, low coefficient of friction, excellent drape characteristics and non-stick properties.

TPU provides a bondable layer making this laminate ideal for flat cable designs.

Features & Benefits:

- Exceptional chemical and crush resistance
- Dimensionally stable
- Low coefficient of friction
- Non-stick properties

Applications:

- Flat cable construction

PROPERTY	TEST METHOD	TYPICAL VALUE*
Construction	N/A	PTFE/TPU Film
Color	N/A	White
Tensile Strength, MPa (psi) PTFE Film	ASTM-D6040	20.6843 (3,000)
Elongation, % PTFE Film	ASTM-D6040	25
Total Thickness, cm (inches)	ASTM-D6040	0.025 (0.010)
		0.035 (0.014)
		0.045 (0.018)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width cm, inches	2.54 – 15.24	Product Dependent 1 – 6
Core Diameter cm, inches	7.62, 15.24	3, 6
Maximum Roll O.D. cm, inches	17.78 - 45.72	7 - 18
Core Type	Plastic or Cardboard	

*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.
- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.