



DeWAL® DW218

DeWAL® DW 218 is a skived PTFE film produced from a modified homopolymer PTFE resin containing less than 1% of a fully fluorinated co-monomer. Incorporation of the co-monomer yields a material with improved electrical and physical properties. DeWAL DW218 can be thermally fused to itself. The modified homopolymer resin exhibits chemical resistance equivalent to that of a standard homopolymer PTFE.

Features & Benefits:

- Non-stick surface, low friction
- Excellent chemical resistance
- High temperature resistance
- High tensile strength and elongation
- Thermally self-fusible

Applications:

- Convoluted hose industry as an inner liner material
- Wire and cable industry

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Backing Material		Modified PTFE
Tensile Strength, PSI (MPA)	ASTM-D 882, MD	3,600 (24.8211)
Elongation, %	ASTM-D 882	250%
Dielectric Strength, Volts/mil	ASTM-D 149 @ 0.002" thick	2,000
Specific Gravity/Density, g/cc	ASTM-D 792	2.14 – 2.19
Maximum Operating Temperature, °F, (°C)		500 (260)

PACKING SPECIFICATIONS

Core Diameter, inches, (mm)	3 (76)
Core Type	Cardboard or Plastic
Thickness, inches, (mm)	0.001 to 0.062 (0.0254 to 1.5748)
Width, inches, (mm)	0.5 to 36 (12.7 to 914.4)