



DeWAL® DW200

DeWAL® DW200 is skived from a modified homopolymer resin containing a high level of a fully fluorinated co-monomer that is in our DeWAL® DW219 film. The incorporation of the co-monomer yields a material with improved electrical and physical properties. This film can be thermally fused to itself (625-650°F). The modified homopolymer resin exhibits chemical resistance equivalent to that of a standard homopolymer PTFE. It is also a good substitute for melt processable films such as PFA.

Features & Benefits:

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

Applications:

- Laminated diaphragms
- Rubber type applications enhancing surface wear
- Lamination of adhesives – pressure sensitive tapes

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Backing Material		PTFE (modified)
Tensile Strength, PSI, (MPA)	ASTM-D 882	2,800 (19.31)
Elongation, %	ASTM-D 882	200%
Dielectric Strength, Volts/mil	ASTM-D 149 @ 0.002" thick	2,000
Maximum Operating Temperature, °F, (°C)		500 (260)

PACKING SPECIFICATIONS

Core Diameter, inches, (mm)	3 (76)
Max Roll O.D, inches, (mm)	14 (355.60)
Thickness, inches, (mm)	0.0005 to 0.0620 (0.01 to 1.58)
Width, inches, (mm)	1 to 36 (25.40 to 914.40)