



DeWAL® DW219AE Skived PTFE Film

DeWAL® DW219AE is a skived PTFE film etched on one side with sodium ammonia and is produced from a modified homopolymer PTFE resin containing <1% of a fully fluorinated comonomer.

It can be thermally fused to itself, has improved electrical and physical properties without sacrificing chemical resistance, and tensile strength 10% higher and elongation 30% higher than a homopolymer PTFE.

Applications:

- Inner hose liner
- Wire and cable applications
- Diaphragm applications

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		PTFE
Density, g/cc	ASTM-D792	2.2
Thickness, mm, (inches)	ASTM-D374	0.050-1.0 (0.002-0.04)
Tensile Strength, MPa, (psi)	ASTM-D6040/882 @ 0.010"	41.71 (6050)
Peak Elongation, %	ASTM-D6040/882 @0.010"	750
Dielectric Strength, V/mil	ASTM-D149 @0.010"	2100
Maximum Operating Temperature, °C, (°F)		260 (500)
PACKING SPECIFICATIONS		
Maximum Width, mm, (inches)	N/A	965 (38)
Core Diameter, mm, (inches)	N/A	76.2 (3)
Max Roll O.D., mm, (inches)	N/A	355 (14)

All metric conversions are approximate.
Additional technical information is available.
Typical values should not be used for specification limits.