

DeWAL[®] DW219 Skived PTFE Film

DeWAL® DW219 is a skived PTFE film 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

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		PTFE
Density, g/cc	ASTM-D792	2.2
Thickness, mm, (inches)	ASTM-D374	0.025-1.6 (0.001-0.062)
Tensile Strength, MPa, (psi)	ASTM-D6040/882	41.71
	@ 0.010″	(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.



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