



DW 219

SKIVED PTFE

Product Description

A Skived PTFE film that is produced from a modified homopolymer PTFE resin containing less than 1% of a fully fluorinated comonomer. The incorporation of the comonomer yields a material with improved electrical and physical properties. This film can be thermally fused to itself. The modified homopolymer resin exhibits chemical resistance equivalent to that of a standard homopolymer PTFE. Its tensile strength is approximately 10% higher and the elongation is approximately 30% higher than for a standard homopolymer PTFE.

Application Information

With its ability to be heat fused this film finds applications in the convoluted PTFE hose industry as a inner liner material, and the wire & cable industry

Technical Data	Test Method	Results	Metric Results
Density g/cc	ASTM D - 792	2.14 - 2.19	
Base Film		PTFE	
Tensile Strength	ASTM D - 882	3,600 psi	24.8211 mpa
Elongation	ASTM D - 882	250 % (min)	
Dielectric Strength	ASTM D - 149	2,000 Volts @ 0.002	
Max. Operating Temp.		500 °F F	260 °C F

Packaging Specifications	English	Metric
Core Dia.	3 in.	7.62 cm
Core Type	Cardborard or Plastics	
Thickness	1 to 62 mil	0.0254 to 1.5748 mm
Width	0.5 to 36 in.	1.27 to 91.44 cm

Above are "Typical Values" not intended for specifications. DeWAL requests the opportunity to work with you on specifications.

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