



DW 502

SKIVED PTFE

Product Description:

DW502 is a skived, tensilized PTFE (Polytetrafluoroethylene) film held to close tolerance on width and thickness. DW502 conforms to Mil-P-22241B. The tensilizing process yields a film with greatly enhanced tensile and dielectric strengths.

Application Information:

DW502 finds use in electrical applications where temperature service rating and superior electrical properties are desired. Examples of electrical applications include capacitor films, harnesses for electrical wiring in automotive and aerospace applications, spacers for transformers and other electrical insulation applications where high dielectric strength and high temperature resistance are requisite.

Technical Data	Test Method	Results	Metric Results
Base Film		PTFE	
Tensile Strength	ASTM D 882	18,000 psi	0.1241 mpa
Elongation	ASTM D 882	100%	
Dielectric Strength	ASTM D 149	4,000 volts	
Max. Operating Temp		500°F	260°C

Packaging Specifications	English	Metric
Core ID	3 in.	7.62 cm
Width	0.25 to 20 in.	0.635 to 50.8 cm
Thickness	0.002 to .005 in.	0.005 to 0.012 cm
Max Roll O.D.	14 in.	35.56 cm

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

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