

DeWAL DW 202

Polytetrafluoroethylene

DeWAL Industries

Message:

D/W 202 is a skived PTFE (Polytetrafluoroethylene) film held to close tolerance on width and thickness. D/W 202 conforms to ASTM D3308 Type II and SAE AMS 3662C.

D/W 202 finds use in electrical applications where high 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.

General Information			
Features	Good Electrical Properties		
Uses	Aerospace Applications		
	Automotive Applications		
	Electrical/Electronic Applications		
	Electronic Insulation		
	Film		
	High Temperature Applications		
Agency Ratings	ASTM D 3308 Type II		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	0.0 to 2.3	µm	
Backing Material	PTFE Film		
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Temperature of Use	-101 to 260	°C	
Width	6.35 to 279	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	41.4	MPa	ASTM D882
Tensile Elongation - MD (Break)	330	%	ASTM D882
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	79	kV/mm	ASTM D149

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