

DeWAL DW 2000

Polytetrafluoroethylene

DeWAL Industries

Message:

D/W 2000 is a skived PTFE (Polytetrafluoroethylene) film held to close tolerance on width and thickness. D/W 2000 conforms to ASTM D 3308 Type II as well as to SAE AMS 3662C.

D/W 2000 finds use in electrical applications where high temperature service rating and/or superior electrical properties are desired. This material is often used as a release film in the production of high temperature flex circuit materials as well as in the production of microwave circuit materials where it is seen as both a release film and a bonding film. D/W 2000 is an excellent release film for the molding of composite structures.

General Information			
Features	Good Electrical Properties		
	High Heat Resistance		
Uses	Bonding		
	Electrical/Electronic Applications		
	Film		
	Release Film		
Agency Ratings	ASTM D 3308		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	0.1 to 1016.0	µm	
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Width	305 to 1270	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	20.7	MPa	ASTM D882
Tensile Elongation - MD (Break)	330	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	260	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	79	kV/mm	ASTM D149

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