

DeWAL DW 300-1

Thermoplastic Polyimide

DeWAL Industries

Message:

D/W 300 is a family of polyimide film products with no adhesive. D/W 300 materials combine excellent physical, electrical and mechanical properties at temperatures ranging from -452F (-269C) to 752F (400C). D/W 300 materials offer excellent dimensional stability along with very good chemical resistance.

Applications for D/W 300 polyimide films range from electrical and thermal insulation to use in transformers, heat sealing devices and more.

General Information			
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Electrical Properties		
Uses	Electronic Insulation		
	Film		
	Insulation		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	25.4	μm	
Roll Length ¹	< 305000	mm	
Core ID	7.62	cm	
Width	12.7 to 508	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	207	MPa	ASTM D882
Tensile Elongation - MD (Break)	100	%	ASTM D882
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	
Volume Resistivity	1.0E+15	ohms·cm	
Dielectric Strength	300	kV/mm	ASTM D149
NOTE			
1.	up to 1000 ft		

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Recommended distributors for this material

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