

DeWAL DW 212

Polytetrafluoroethylene

DeWAL Industries

Message:

D/W 212 is a film , skived from virgin PTFE, that has been etched on one side with sodium naphthalene. This surface treatment allows PTFE, which normally exhibits very poor adhesion, to be bonded to other materials.

The major applications for sodium etched PTFE involve bonding to elastomers to produce laminated diaphragms, as well as the application of pressure sensitive adhesives in the production of PTFE pressure sensitive tapes. In all the above applications, the lamination or adhesive application is usually accomplished with a primer that is specific to the material being applied.

General Information			
Features	Good Adhesion		
Uses	Adhesives		
	Diaphragms		
	Film		
	Tape		
Appearance	Black		
	Natural Color		
	Red		
	White		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	50.8 to 1020	nm	
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Width	305 to 965	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	27.6	MPa	ASTM D882
Tensile Elongation - MD (Break)	300	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	260	°C	

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