

DeWAL DW 216

Polytetrafluoroethylene

DeWAL Industries

Message:

Skived from virgin PTFE that has been etched on one side with sodium ammonia. This surface treatment allows PTFE to become a "bondable surface" to other materials. In some applications Sodium Ammonia etched materials exhibit somewhat higher bond strengths than those etched with Sodium Naphthalene (D/W 212).

Applications for sodium etched PTFE include bonding to elastomers to produce laminated diaphragms, as well as the application of pressure sensitive adhesives in the production of PTFE pressure sensitive tapes.

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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