

DeWAL DW 213

Polytetrafluoroethylene

DeWAL Industries

Message:

D/W 213 is a film skived from virgin PTFE, that has been etched on one side with Sodium Naphthalene (D/W212) after which a primer has been applied to enhance bonding to elastomers and pressure sensitive adhesives. This surface treatment allows the PTFE which normally exhibits very poor adhesion to be bonded to other materials. The primer may be specified by the end user or may be recommended by DeWAL for specific applications. The primary applications for sodium etched PTFE involve bonding to elastomers to produce laminated diaphragms, as well as the applicaton 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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

