

# DeWAL DW 224

Polytetrafluoroethylene

DeWAL Industries

## Message:

D/W 224 is a skived, tensilized PTFE that has been sodium naphthalene etched on both sides to allow bonding to itself and other substrates within composite construction hoses and similar products. The tensilizing process yields as film with significantly enhanced tensile properties. D/W 224 is finding applications in hydraulic, chemical and other hose constructions where internal bonding to the elastomeric materials is required.

General Information			
Features	Bondability		
	High Tensile Strength		
Uses	Bonding		
	Construction Applications		
	Film		
	Hose		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	50.8 to 127	nm	
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Width	12.7 to 508	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	124	MPa	ASTM D882
Tensile Elongation - MD (Break)	100	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	260	°C	
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	160	kV/mm	ASTM D149

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