

# DeWAL DW 402B

Ultra High Molecular Weight Polyethylene

DeWAL Industries

## Message:

Skived, carbon filled UHMW (Ultrahigh Molecular Weight Polyethylene) Film. The carbon type and level achieve conductivity sufficient for static dissipation applications.

Applications for this product include die-cut spacers for video cassettes, electrical conductivity for static dissipation and applications involving the need for high abrasion resistance.

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Antistatic		
	Electrically Conductive		
	Good Abrasion Resistance		
Uses	Video Cassettes		
Forms	Film		
Physical	Nominal Value	Unit	
Water Absorption (Saturation)	0.010	%	
Thickness	76.2 to 1016.0	μm	
Backing Material	Carbon filled UHMW-PE		
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Width	6.35 to 762	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	20.7	MPa	ASTM D882
Tensile Elongation - MD (Break)	130	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	93.3	°C	
Thermal Conductivity	0.063	W/m/K	

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## Recommended distributors for this material

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