

DeWAL DW 404BNC

Ultra High Molecular Weight Polyethylene

DeWAL Industries

Message:

D/W 404BNC film is skived from UHMW (Ultra High Molecular Weight Polyethylene) that has been compounded with a small amount of carbon to render it black but nonconductive, producing a "windowless", truly opaque film. The carbon also provides UV resistance.

D/W 404BNC is used as a wear surface where high abrasion resistance is required, such as the outer covering on hoses for severe service applications. It is also used as an anti-squeak tape for automotive and other mechanical applications.

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Good Abrasion Resistance		
	Good UV Resistance		
	Good Wear Resistance		
	Ultra High Molecular Weight		
Uses	Automotive Applications		
	Coating Applications		
	Hose		
	Tape		
Appearance	Black		
	Opaque		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	76.2 to 1270	nm	
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)	34.5	MPa	ASTM D882
Tensile Elongation - MD (Break)	250	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	93.3	°C	

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