

# DeWAL DW 103

Polytetrafluoroethylene

DeWAL Industries

## Message:

D/W 103 is a skived PTFE that has been compounded with carbon to produce a highly conductive film. D/W 103 can be surface treated to enhance bonding to other substrates.

D/W 103 can be used as a static dissipative layer within "high static" paint hoses.

General Information			
Filler / Reinforcement	Carbon Fiber		
Features	Bondability		
	Conductive		
Uses	Film		
Forms	Film		
Physical	Nominal Value	Unit	
Thickness	76.2 to 254.0	μm	
Electrical Resistivity			
6.35 mm	3.50 to 35.0	K/ohms/ft	
1.27 cm	3.50 to 15.0	K/ohms/ft	
1.91 cm	3.50 to 10.5	K/ohms/ft	
Backing Material	Skived Conductive PTFE Film		
Core ID	7.62	cm	
Maximum Roll OD	356	mm	
Width	6.35 to 508	mm	
Films	Nominal Value	Unit	Test Method
Tensile Strength - MD (Yield)	13.8	MPa	ASTM D882
Tensile Elongation - MD (Break)	55	%	ASTM D882
Thermal	Nominal Value	Unit	
Continuous Use Temperature	260	°C	

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## Recommended distributors for this material

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