



DeWAL® DW103 Skived PTFE Film

DeWAL® DW103 is a skived PTFE film that has been compounded with carbon, producing a highly conductive film.

It can be surface treated to enhance bonding to other substrates, and acts as a static dissipative layer within high static paint hoses.

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		Skived Conductive PTFE film
Density, g/cc	ASTM-D792	2.1
Thickness, mm (inches)	ASTM-D374	0.076 – 1.0 (0.003 – 0.04)
Tensile Strength, MPa (psi)	ASTM-D6040/882 @ 0.00375"	14.89 (2160)
Peak Elongation, %	ASTM-D6040/882 @ 0.00375"	115
Electrical Resistance, K ohms/ft	For 0.250" wide @ 0.0035" thick For 0.500" wide @ 0.0035" thick For 0.750" wide @ 0.0035" thick	38 15 10.5
Surface Resistivity, ohms/sq	Customer Specific Method	20
Maximum Operating Temperature, °C, (°F)		260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Maximum Width mm, inches	305	12
Core Diameter mm, inches	76.2	3
Max Roll OD cm, inches	35.5	14

All metric conversions are approximate.
Additional technical information is available.
Typical values should not be used for specification limits.