



## DeWAL® DW105 Skived Carbon-Filled PTFE Film

DeWAL® DW105 is a skived carbon-filled PTFE film product that can be surface treated for bonding as needed.

### Applications:

- In the industrial and chemical hose industry where the addition of fillers will increase the life of a PTFE product
- In the wire and cable market where conductive films are used

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
Base Film		Skived Conductive PTFE film
Density, g/cc	ASTM-D792	2.2
Thickness, mm (inches)	ASTM-D374	0.05 – 1.0 (0.002 - 0.04)
Tensile Strength, MPa (psi)	ASTM-D6040/882 @ 0.01"	26.5 (3850)
Peak Elongation, %	ASTM-D6040/882 @ 0.01"	335
Surface Resistivity, ohms/sq	ASTM-D257	<1,000,000
Conductivity, Min. micro amps	ASTM-D257 and DTM 01-000-25	25
Maximum Operating Temperature, °C, (°F)		260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Maximum Width mm, inches	457	18
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.