



DeWAL® DW251 Skived PTFE Film

DeWAL® DW251 is a skived, premium PTFE film that conforms to ASTM-D3308 Type1, Grade 1, and SAE AS22759A.

It holds close tolerance on width and thickness and is manufactured to meet customer specifications.

Applications:

- Aerospace and aircraft wiring

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Base Film		PTFE
Density, g/cc	ASTM-D792	2.2
Thickness, mm, (inches)	ASTM-D374	0.013-1.6 (0.0005-0.062)
Tensile Strength, MPa (psi)	ASTM-D6040/882 @ 0.001"	37.78 5625
Peak Elongation, %	ASTM-D6040/882 @ 0.001"	330
Dielectric Strength, V/mil	ASTM-D149 @0.001"	4375
Maximum Operating Temperature, °C, (°F)		-101 to 260 (-150 to 500)
PACKING SPECIFICATIONS		
Maximum Width, mm, (inches)	N/A	279 (11)
Core Diameter, mm, (inches)	N/A	76.2 (3)
Max Roll O.D., mm (inches)	N/A	355 (14)

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