

DeWAL® DW204-5

DeWAL® DW204-5 is produced from skived PTFE and coated with a high temperature silicone adhesive.

Features & Benefits:

- Non-stick surface, low friction
- High temperature resistance
- Good insulation
- UL approved component
 - File no. E179854 Flame Retardant/Cold Resistant
- Approved Government Specification
 - Mil-A-A59474 Type 1, Class 4

Applications:

- Coil wraps
- Separators
- Transformers
- Slot liners
- Harness wrapping
- Other electrical and mechanical applications

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.114 – 0.140 (0.0045 – 0.0055)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 - 0.046 (0.0012 – 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	413 – 536 (37 - 48)	480 (43)
Tensile Strength, MPa (psi)	ASTM-D3759	39 - 52 (5,709 – 7,506)	46 (6,737)
Elongation, %	ASTM-D3759	365 - 536	438
Dielectric Strength, Volts/mil	ASTM-D149	2,032 – 3,120	2,537
Maximum Operating Temperature, C° (F°)			260 (500)
PRODUCT DIMENSIONS			
	METRIC	ENGLISH	
Width mm, inches	12.7 – 546.1	0.5 - 21.5	
Core Diameter mm, inches	76	3	
Roll Length m, yards	33	36	

*Typical values shown are from testing at date of manufacture and should not be used for specification limits.

- Additional technical information and product specifications are available upon request.

- All metric conversions are approximate.