

DeWAL® DW204-3HD

DeWAL® DW204-3HD is produced from skived and tensilized PTFE film that is coated with a high temperature silicone adhesive. The tensilized film provides higher strength, lower elongation, and higher dielectric strength.

Features & Benefits:

- Non-stick surface, low friction
- High temperature resistance
- Good insulation
- UL approved component
 - File No. E179854 Flame Retardant/Cold Resistant
 - Gov't Spec Mil-A-A59474 Type 1, Class 2

Applications:

- Coil wraps
- Separators
- Transformers
- Slot liners
- Harness wrapping
- Flat die extrusion

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.069 – 0.084 (0.0027 – 0.0033)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 – 0.046 (0.0012 – 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	346 – 457 (31 – 41)	424 (38)
Dielectric Strength, Volts/mil	ASTM-D 149	2,612 – 3,915	3,256
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	12.7 – 546	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.
- Shelf life is 1 year from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.