

# DeWAL® DW204-5HD

DeWAL® DW204-5HD 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*
<b>PHYSICAL</b>			
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-D 1000	413 – 524 (37 – 47)	480 (43)
Tensile Strength, MPa (PSI)	ASTM-D 3759	90 – 108 (13,069 – 15,702)	101 (14,627)
Elongation, %	ASTM-D 3759	159 – 246	215
Dielectric Strength, Volts/mil	ASTM-D 149	3,072 – 4,506	3,853
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.
- 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.