

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 2

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.