

## DeWAL® DW304-1

DeWAL® DW304-1 is a pressure sensitive tape using Kapton® polyimide film coated with high temperature silicone adhesive. The polyimide film provides excellent electrical insulation, abrasion resistance, and high dielectric strength.

## Features &amp; Benefits:

- Removes cleanly at elevated temperatures
- Good solvent resistance
- High dielectric strength
- UL 510 Approved

## Applications:

- Electrical applications: capacitor wrapping, gold finger masking, insulation in transformers, coils, flat cables and connectors
- High temperature harness wrapping

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Kapton® Film
Backing Thickness, mm (inches)		0.020 - 0.030 (0.0008 - 0.0012)	---
Adhesive System		---	Silicone
Adhesive Thickness, mm (inches)		0.030 - 0.046 (0.0012 - 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM-D 1000	234 - 435 (21 - 39)	313 (28)
Dielectric Strength, Volts/mil	ASTM-D 149	2,449 - 3,574	3,029
UL Approval	510	File no. E244657	Approved
Engine Manufacturer Approval	Pratt & Whitney	PMC#4285	Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 406	0.25 - 16
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.