

DeWAL® DW314-1

DeWAL® DW 314-1 is a pressure sensitive tape using Kapton® polyimide film coated with an acrylic adhesive. The polyimide film provides excellent electrical insulation, abrasion resistance, and high dielectric strength. This tape is usually supplied without a liner and a release coat is applied to the tape to prevent blocking.

Features & Benefits:

- Excellent electrical insulation
- Abrasion resistant
- High dielectric strength

Applications:

- Electrical applications
- Gold finger masking
- Insulation of transformers, flat cables and connectors
- High temperature harness wrapping

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Kapton® Film
Backing Thickness, mm (inches)		0.02 – 0.03 (0.0008 – 0.0012)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.03 – 0.045 (0.0012 – 0.0018)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	200 – 424 (18 – 38)	301 (27)
Dielectric Strength, V/mil	ASTM-D149	2,815 - 3,600	3,210
Maximum Operating Temperature, C° (F°)			204 (400)

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.