

DeWAL® DW303-1

DeWAL® DW303-1 is a tape consisting of polyimide film and silicone adhesive that has been designed for high temperature masking applications. In electrical insulation applications, this product meets Class H requirements.

Features & Benefits:

- High temperature resistance
- Great electrical insulator
- Meets Class H requirements
- UL 510 approval

Applications:

- Gold finger masking
- Coil insulation
- High temperature harness wrapping

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Polyimide 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	---	223 (20)
Tensile Strength, kg/cm (lb./in)	ASTM-D 3759	---	3.57 (20)
Elongation, %	ASTM-D 3759	---	40
Dielectric Strength, Volts/mil	ASTM-D 149	---	2,175
UL Approval	510	File no. E244657	Approved
Maximum Operating Temperature, C° (F°)			260 (500)

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 - 508	0.25 - 20
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.