

DeWAL® DW300-5

DeWAL® DW300-5 is part of the DW300 family of polyimide film products with no adhesive. DW300 materials combine excellent physical, electrical, and mechanical properties at temperatures ranging from -269° to 400°C (-452° to 752°F). They offer excellent dimensional stability along with very good chemical resistance.

Features & Benefits:

- High temperature resistance
- Great electrical insulator
- Excellent dimensional stability

Applications:

- Electrical & thermal insulation applications
- Transformers
- Heat sealing devices

PROPERTY	DATA RANGE	TYPICAL VALUE*
PHYSICAL		
Backing Material	---	Polyimide Film
Backing Thickness, mm (inches)	0.122 – 0.132 (0.0048 – 0.0052)	---
Tensile Strength, MPa (psi)	---	16.5 (24,000)
Elongation, %	---	50
Dielectric Strength, Volts/mil	---	3500
Maximum Operating Temperature, C° (F°)	---	400 (752)

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.