

DeWAL® DW215-3

DeWAL® DW215-3 is produced from skived PTFE film that is coated with a high temperature acrylic adhesive.

Features & Benefits:

- Non-stick surface, low friction
- High temperature resistance
- Good Insulation

Applications:

- Coil wraps
- Separators
- Transformers
- Slot liners
- Harness wrapping
- Composite bonding shops where silicone adhesive tapes are not permitted

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.069 - 0.084 (0.0027 - 0.0033)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.025 - 0.051 (0.001 - 0.002)	---
Adhesion to Steel, g/cm (oz./in)	ASTM-D 3759	290 - 580 (26 - 52)	424 (38)
Tensile Strength, MPa (psi)	ASTM-D 3759	32 - 62 (4,716 - 8,933)	52 (7,561)
Elongation, %	ASTM-D 3759	(344 - 494)	435
Dielectric Strength, Volts/mil	ASTM-D 149	1,875 - 3,182	2,596
Maximum Operating Temperature, C° (F°)			204 (400)
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.
- 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.