

# DeWAL® DW215-5HD

DeWAL® DW215-5HD is produced from skived and tensilized PTFE film that is coated with a high temperature acrylic adhesive. The tensilized film provides higher strength, lower elongation, and higher dielectric strength.

## 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*
<b>PHYSICAL</b>			
Backing Material		---	PTFE Film
Backing Thickness, mm (inches)		0.114 - 0.140 (0.0045 - 0.0055)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.030 - 0.045 (0.0012 - 0.0018)	---
Adhesion to Steel, g/cm (oz./in)	ASTM-D 1000	379 - 770 (34 - 69)	580 (52)
Tensile Strength, MPa (PSI)	ASTM-D 3759	90 - 108 (13,069 - 15,702)	101 (14,627)
Elongation, %	ASTM-D 3759	159 - 246	215
Dielectric Strength, Volts/mil	ASTM-D 149	3,072 - 4,506	3,853
Maximum Operating Temperature, C° (F°)			204 (400)
<b>PRODUCT DIMENSIONS</b>		<b>METRIC</b>	<b>ENGLISH</b>
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.