



DW215-2HD

PTFE Tape

DeWAL® DW215-2HD 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.

Applications:

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

Industry(s):

- Composite Manufacturing
- Electrical
- Oil/Gas

Features and Benefits

- Non-stick surface
- Low friction
- High temperature resistance
- Good Insulation

Basic Physical Properties		Typical Value	Units	Test Method
Tensile Strength		121 / 17535	MPa / psi	ASTM-D3759
Elongation		147	%	ASTM-D3759
Dielectric Strength		1344.1 / 3414	kV/cm / V/mil	ASTM D149
Adhesion to Steel		402 / 36	g/cm / oz/in	ASTM-D 1000
Color		Brown	N/A	N/A
Construction		Typical Value	Units	Test Method
Substrate		PTFE Film	N/A	N/A
Substrate Thickness		0.0508 / 0.002	mm / in	N/A
Adhesive System		Acrylic	N/A	N/A
Adhesive Thickness		0.038 / 0.0015	mm / in	N/A
Overall Thickness		0.09 / 0.0035	mm / in	ASTM-D374
Min Width		12.7 / 0.5	mm / in	N/A
Max Width		546.1 / 21.5	mm / in	N/A
Heat and Flame		Typical Value	Units	Test Method
Max Operating Temp.		204 / 400	°C / °F	N/A
Processing & Packaging		Typical Value	Units	Test Method
Shelf Life		24	Months from DOM	N/A
Shelf Life Storage Temp.		21 / 70	°C / °F	N/A
Roll Length		33 / 36	m / yd	N/A
Standard Core Type		Plastic	N/A	N/A
Core Diameter		76 / 3	mm / in	N/A
Standard Liner		Self Wound	N/A	N/A

- 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 24 months from the date of manufacture with storage conditions of 21°C (70°F) and 50% RH.
- All metric conversions are approximate.

Note: Shelf life is defined as the duration of time for which the product will meet the physical characteristics outlined on this page. It does not guarantee the product's usefulness in all applications.



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