Product Information Sheet

DW215-10

PTFE Tape

DeWAL® DW215-10 is produced from skived and tensilized PTFE film that is coated with a high temperature acrylic adhesive.

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	47 / 6848	MPa / psi	ASTM-D3759
Elongation	359	%	ASTM-D3759
Dielectric Strength	898 / 2281	kV/cm / V/mil	ASTM D149
Adhesion to Steel	625 / 56	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	0.254 / 0.01	mm / in	N/A
Adhesive System	Acrylic	N/A	N/A
Adhesive Thickness	0.038 / 0.0015	mm / in	N/A
Overall Thickness	0.2921 / 0.0115	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.