



D-WRAP

Polyester Tape

DeWAL® D-WRAP is a 1-mil, blue, high temperature, high tensile, polyester (PET) film coated with a fully cured silicone adhesive. There is no contamination problem from the silicone adhesive because it is fully cured and does not transfer.

Applications:

- Holding or masking operations in metal bond & plastic shops
- Masking agent on panels subject to caustic or acid bath etching
- Masking agent on metal surfaces for phosphoric anodizing in the aerospace industry

Industry(s):

- Aerospace
- Electrical
- Mechanical

Features and Benefits

- High temperature protection
- Leaves no residue on tools or surfaces
- Excellent chemical resistance

Basic Physical Properties

	Typical Value	Units	Test Method
Dielectric Strength	2503.9 / 6360	kV/cm / V/mil	ASTM D149
Adhesion to Steel	390 / 35	g/cm / oz/in	ASTM-D 1000
Color	Blue	N/A	N/A

	Typical Value	Units	Test Method
Construction	Polyester (PET) Film	N/A	N/A
Substrate			
Substrate Thickness	0.0254 / 0.001	mm / in	N/A
Adhesive System	Silicone	N/A	N/A
Adhesive Thickness	0.0765 / 0.003	mm / in	N/A
Overall Thickness	0.1016 / 0.004	mm / in	ASTM-D374
Min Width	6.35 / 0.25	mm / in	N/A
Max Width	432 / 17	mm / in	N/A

	Typical Value	Units	Test Method
Heat and Flame			
Max Operating Temp.	154 / 310	°C / °F	N/A

	Typical Value	Units	Test Method
Processing & Packaging			
Shelf Life	18	Months from DOM	N/A
Shelf Life Storage Temp.	21 / 70	°C / °F	N/A
Roll Length	66 / 72	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

Specifications	
Specification(s)	PMC 4409

- 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 18 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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