



DW706-2

FEP Tape

DeWAL® DW706-2 is a pressure sensitive tape made of FEP film with a bondable upper surface that is coated with a high temperature silicone adhesive. The FEP film is optically clear and offers excellent electrical properties and chemical resistance. The product is supplied on kraft paper liner

Applications:

- Electrical applications such as high temperature cable splicing
- Cable wrapping

Industry(s):

- Electrical
- Oil/Gas

Features and Benefits

- Excellent electrical properties
- Excellent chemical resistance
- Optically clear tape

Basic Physical Properties	Typical Value	Units	Test Method
Tensile Strength	15 / 2228	MPa / psi	ASTM-D3759
Elongation	328	%	ASTM-D3759
Dielectric Strength	1340.6 / 3405	kV/cm / V/mil	ASTM D149
Adhesion to Steel	379 / 34	g/cm / oz/in	ASTM-D 1000
Color	Clear	N/A	N/A
Construction	Typical Value	Units	Test Method
Substrate	FEP Film	N/A	N/A
Substrate Thickness	0.0508 / 0.002	mm / in	N/A
Adhesive System	Silicone	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	609.6 / 24	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	18	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	1" Paper	N/A	N/A
Core Diameter	25.4 / 1	mm / in	N/A
Standard Liner	Crepe Release	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 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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