

DW704-2

FEP Tape

DeWAL® DW704-2 is a pressure sensitive tape made of FEP film that is coated with a high temperature silicone adhesive. The FEP film is optically clear and offers excellent electrical properties and chemical resistance.

Applications:

- Electrical applications such as capacitor and cable termination insulation
- Protective overlay for cables and harnesses

(800) 935-2940 • solutions@rogerscorp.com

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	16 / 2309	MPa / psi	ASTM-D3759
Elongation	325	%	ASTM-D3759
Dielectric Strength	1424 / 3617	kV/cm / V/mil	ASTM D149
Adhesion to Steel	401 / 36	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	0.050 / 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	558.8 / 22	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	1	Year 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	Self Wound	N/A	N/A
Availability	Make to Stock	N/A	Availability Description

- 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.

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.

The information contained in this Data Sheet is intended to assist you in designing with Rogers' Elastomeric Material Solutions. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers DeWAL products for each application. The Rogers logo, DeWAL logo and DeWAL are trademarks of Rogers Corporation or one of its subsidiaries.

© 2025 Rogers Corporation. All rights reserved. www.rogerscorp.com. Modified: 05/15/2025

(800) 935-2940 • solutions@rogerscorp.com