

DeWAL® DW706-2

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.

Features & Benefits:

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

Applications:

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

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material			FEP Film
Backing Thickness, mm (inches)		0.045 - 0.056 (0.0018 - 0.0022)	
Adhesive System			Silicone
Adhesive Thickness, mm (inches)		0.030 - 0.046	
		(0.0012 - 0.0018)	
Adhesion, g/cm (oz./in)	ASTM-D1000	223 - 502	379
		(20 - 45)	(34)
Tensile Strength, MPa (psi)	ASTM-D3759	14 - 17 (2,048 - 2,471)	15 (2,228)
Elongation, %	ASTM-D3759	288 - 362	328
Dielectric, V/mil		2,197 - 4,290	3,405
Maximum Operating Temperature, C° (F°)			204 (400)
PRODUCT DIMENSIONS	METRIC	ENGLISH	
Width mm, inches	12.7 – 508	0.5 – 20	
Core Diameter mm, inches	25.4	1	

33

*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.



Roll Length m, yards

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. © 2020 Rogers Corporation. All rights reserved. 0120-PDF • Publication #175-080

36