

DeWAL® DW204-3

DeWAL® DW204-3 is produced from skived PTFE and coated with a high temperature silicone adhesive.

Features & Benefits:

- Non-stick surface, low friction
- High temperature resistance
- Good insulation

•

- UL approved component
 - File no. E179854 Flame Retardant/Cold Resistant
- Approved Government Specification
 - o Mil-A-A59474 Type 1, Class 2

Applications:

- Coil wraps
- Separators
- Transformers
- Slot liners
- Harness wrapping
- Other electrical and mechanical applications

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material			PTFE Film
Backing Thickness, mm (inches)		0.069 – 0.084 (0.0027 – 0.0033)	
Adhesive System			Silicone
Adhesive Thickness, mm (inches)		0.069 - 0.084 (0.0027 - 0.0033)	
Adhesion, g/cm (oz./in)	ASTM-D1000	457 - 558 (41 - 50)	513 (46)
Tensile Strength, MPa (psi)	ASTM-D3759	32 - 62	52
		(4,716 – 8,933)	(7,561)
Elongation, %	ASTM-D3759	344 - 494	435
Dielectric Strength, Volts/mil	ASTM-D149	1,785 - 2,305	2,063
Maximum Operating Temperature, C° (F°)			260 (500)
PRODUCT DIMENSIONS	METRI	C ENGI	LISH
Width mm, inches	12.7 – 54	46.1 0.5 –	21.5
Core Diameter mm, inches	76	3	
Roll Length m, yards	33	36	j

*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.

- All metric conversions are approximate.



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. © 2019, 2020, 2022 Rogers Corporation. All rights reserved. 0422-PDF • Publication #175-111 www.rogerscorp.com