

## DeWAL® DW423-3

DeWAL® DW423-3 is a pressure sensitive tape using an ultra-high molecular weight (UHMW) polyethylene film with an aggressive acrylic adhesive.

Features & Benefits:

- Non-stick surface, low friction
- High tensile strength
- Abrasion resistant
- Automotive Specification approvals:
  - o GM: GM 6419M
  - o Chrysler: MS-CH612
  - o Ford: ESB-M3G123-B

Applications:

- Automotive and mechanical applications
- Chute liners, wear pads, and guide rails

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
B: KE;53>			
Backing Material			UHMW Film
Backing Thickness, mm (inches)		0.069 – 0.084 (0.0027 – 0.0033)	
Adhesive System			Acrylic
Adhesive Thickness, mm (inches)		0.050 – 0.058 (0.0020 – 0.0023)	
Adhesion, g/cm (oz./in)	ASTM D-1000	446 – 1428 (40 –128)	770 (68)
Tensile Strength, MPa (psi)	ASTM D-3758	50 - 69 (7,220 - 10,053)	59 (8,623)
Elongation, %	ASTM D-3758	296 - 425	369
Maximum Operating Temperature, C° (F°)			93 (200)

BDA6G5F6;?7@E;A@E	METRIC	ENGLISH
Width mm, inches	6.35 – 660.4	0.25 – 26
Core Diameter mm, inches	76	3
Roll Length m, yards	16	18

\*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.



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 Rogers Corporation. All rights reserved. 1119PDF • Publication #175-130