

DeWAL® DW423-5

DeWAL® DW423-5 is a pressure sensitive tape using 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:
 - GM: GM 6419M
 - Chrysler: MS-CH612
 - Ford: ESB-M3G123-B

Applications:

- Automotive and mechanical applications
- Chute liners
- Wear pads
- Guide rails

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	UHMW Film
Backing Thickness, mm (inches)		0.114 – 0.140 (0.0045 – 0.0055)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.050 – 0.058 (0.0020 – 0.0023)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	446 – 1,652 (40 – 148)	882 (79)
Tensile Strength, MPa (psi)	ASTM D-3758	44 - 64 (6,360 - 9,235)	54 (7,870)
Elongation, %	ASTM D-3758	255 - 425	358
Maximum Operating Temperature, C° (F°)			93 (200)

PRODUCT DIMENSIONS	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.