

## DeWAL® DW423-20

DeWAL® DW423-20 is a pressure sensitive tape using an Ultra-High Molecular Weight Polyethylene (UHMW) film with an aggressive acrylic adhesive.

## Features &amp; Benefits:

- Non-stick surface, low friction
- High tensile strength
- Abrasion resistant

## Applications:

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

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	UHMW Film
Backing Thickness, mm (inches)		0.457 - 0.559 (0.018 - 0.022)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.050 - 0.066 (0.002 - 0.0026)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	446 - 1,339 (40 - 120)	714 (64)
Tensile Strength, MPa (psi)	ASTM D-3758	40 - 56 (5,900 - 8,135)	46 (6,718)
Elongation, %	ASTM D-3758	405 - 600	480
Maximum Operating Temperature, C° (F°)			93 (200)

TABER ABRASION TEST DATA	TEST METHOD	DATA RANGE	TYPICAL VALUE*
Weight Loss, g	A 1000g sample underwent 1000 cycles against two different Taber Abrasion Wheels. Based off of ASTM D3489-17 method for polyurethanes	0.023 - 0.026	0.025
Change, %		-0.54 to -0.60	-0.57

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.