

DeWAL® DW403-5

DeWAL® DW403-5 is a pressure sensitive tape using Ultra-High Molecular Weight (UHMW) polyethylene film with an aggressive elastomeric adhesive. The UHMW film provides an excellent low friction, non-stick surface, in many ways similar to PTFE. The film is very tough, abrasion resistant and has a high tensile strength.

Features & Benefits:

- Low friction
- Non-stick surface
- High tensile strength
- Abrasion resistant

Applications:

- 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		---	Elastomeric
Adhesive Thickness, mm (inches)		0.107 – 0.142 (0.0042 – 0.0056)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	803 – 1,451 (72 – 130)	1,094 (98)
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.