

DeWAL® DW403-15

DeWAL® DW403-15 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)		0.356 – 0.406 (0.014 – 0.016)	---
Adhesive System		---	Elastomeric
Adhesive Thickness, mm (inches)		0.107 – 0.142 (0.0042 – 0.0056)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	893 – 1,563 (80 – 140)	1,228 (110)
Tensile Strength, MPa (psi)	ASTM D-3758	42 - 56 (6,220 - 8,100)	50 (7,315)
Elongation, %	ASTM D-3758	358 - 541	450
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.