

DeWAL® DW750-20

DeWAL® DW750-20 is a pressure sensitive tape produced from a black Ultra High Molecular Weight Polyethylene (UHMW) film that is coated with an aggressive acrylic adhesive system. The UHMW film provides an excellent low friction, non-stick surface that is in many ways similar to PTFE. The UHMW backing has a high tensile strength and is very abrasion resistant.

Features & Benefits:

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

Applications:

- Buzz, squeak, and rattle
- Anti-squeak
- Mechanical applications
- Chute liners, wear pads, and guide rails

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
PHYSICAL			
Backing Material		---	Black UHMW Film
Backing Thickness, mm (inches)		0.457 - 0.559 (0.018 - 0.022)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.051 - 0.066 (0.002 - 0.0026)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	413 - 1,004 (37 - 90)	770 (69)
Tensile Strength, MPa (psi)	ASTM-D3759	39 - 52 (5,682 - 7,500)	45 (6,495)
Elongation, %	ASTM-D3759	310 - 747	441
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	0.013 - 0.019	0.016
Change, %		-0.30 to -0.44	-0.37

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.