

## DeWAL® DW750-3

DeWAL® DW 750-3 is a pressure sensitive tape produced from black Ultra-High Molecular Weight polyethylene (UHMW-PE) that is coated with an aggressive acrylic adhesive system. The UHMW film provides an excellent low friction, non-stick surface, in many ways similar to PTFE, and also has a very high tensile strength that is very tough and abrasion resistant.

## Features &amp; Benefits:

- Low friction, non-stick surface
- High tensile strength
- Very tough & abrasion resistant

## Applications:

- Buzz, squeak, and rattle applications in the automotive industry
- Various mechanical applications
- Chute liners, wear pads, and guide rails

PROPERTY	TEST METHOD	DATA RANGE	TYPICAL VALUE*
<b>PHYSICAL</b>			
Backing Material		---	Black UHMW-PE Film
Backing Thickness, mm (inches)		0.068 – 0.084 (0.0027 – 0.0033)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.051 – 0.066 (0.0020 – 0.0026)	---
Adhesion, g/cm (oz./in)	ASTM D-1000	591 - 1,060 (53 - 95)	759 (68)
Tensile Strength, MPa (psi)	ASTM D-3759	45 - 57 (6,015 - 8,262)	51 (7,370)
Elongation, %	ASTM D-3759	200 - 381	295
Maximum Operating Temperature, C° (F°)			93 (200)

TABER ABRASION TEST DATA	TEST METHOD	DATA RANGE	TYPICAL VALUE*
Weight Loss, g	A sample underwent 1000 cycles against two different Taber Abrasion Wheels. Based off of ASTM D3489-17 method for polyurethanes	0.032 - 0.043	0.0375
Change, %		-2.84 to -3.85	-3.35

PRODUCT DIMENSIONS	METRIC	ENGLISH
Width mm, inches	6.35 – 660	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.