

## DeWAL® DW750-10

DeWAL® DW750-10 is a pressure sensitive tape produced from 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 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)		0.241 - 0.267 (0.0095 - 0.0105)	---
Adhesive System		---	Acrylic
Adhesive Thickness, mm (inches)		0.051 - 0.066 (0.0020 - 0.0026)	---
Adhesion, g/cm (oz./in)	ASTM-D1000	569 - 1,250 (51 - 112)	882 (79)
Tensile Strength, MPa (psi)	ASTM-D3759	45 - 53 (6,500 - 7,664)	50 (7,302)
Elongation, %	ASTM-D3759	350 - 465	414
Maximum Operating Temperature, C° (F°)			93 (200)

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.