

DeWAL® DW423 Tape

Pressure sensitive tape produced from a Ultra High Molecular Weight Polyethylene (UHMW) film with an aggressive elastomeric adhesive.

The tape has a non-stick surface, low friction, high tensile strength, is abrasion resistant, and has passed tests Ford ESB-M3G123-B, Chrysler MS-CH612, and GM 6419M.

Applications

- Automotive and mechanical applications
- Chute liners, wear pads, and guide rails

PROPERTY	TEST METHOD	423-3	423-5	423-10	423-20
PHYSICAL					
Backing Material		UHMW Film	UHMW Film	UHMW Film	UHMW Film
Backing Thickness, inches, (mm)	ASTM-D374	0.003 (0.080)	0.005 (0.13)	0.010 (0.25)	0.020 (0.50)
Adhesive System		Acrylic	Acrylic	Acrylic	Acrylic
Adhesive Thickness, inches, (mm)	ASTM-D374	0.0023 (0.058)	0.0023 (0.058)	0.0023 (0.058)	0.0023 (0.058)
Adhesion Strength to Steel, oz/in, (g/cm)	ASTM-D1000	60 (670)	75 (837)	75 (837)	65 (725)
Tensile Strength, lb/in, (g/cm)	ASTM-D3759/882	18 (3214)	30 (5357)	60 (10715)	120 (21430)
Elongation, %	ASTM-D3759/882	300	300	300	300
Dielectric Strength, V/mil	ASTM-D149	565	685	610	N/A
Maximum Operating Temperature, °F, (°C)		200 (93)	200 (93)	200 (93)	200 (93)

PACKING SPECIFICATIONS

Maximum Width, inches, (mm)	26 (660)	26 (660)	26 (660)	26 (660)
Core Diameter, inches, (mm)	3 (76.2)	3 (76.2)	3 (76.2)	3 (76.2)
Roll Length, yards, (m)	18 (16.46)	18 (16.46)	18 (16.46)	18 (16.46)
Liner	White Paper	White Paper	White Paper	Blue Poly

All metric conversions are approximate.
Additional technical information is available.
Typical values should not be used for specification limits.