

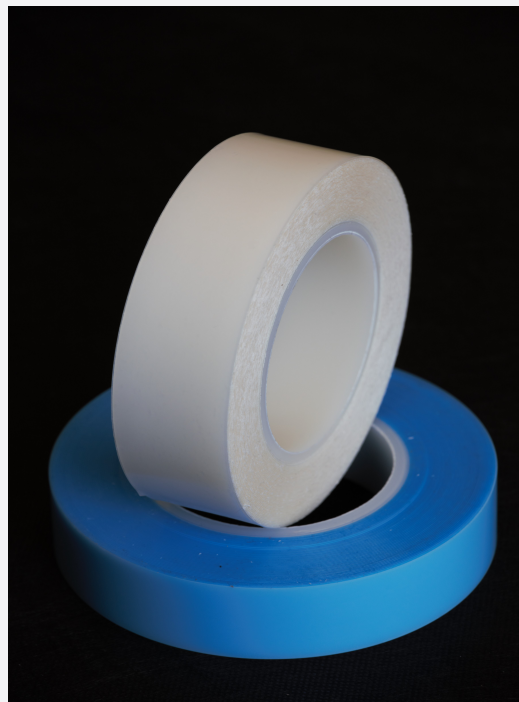
## DeWAL® Solutions for Sealing

### Features:

- High abrasion resistance
- Dimensional stability
- UL certified
  - File No. E179854 (DW204-2HD)
  - File No. E515707 (DW423-10)
- Strong adhesive for permanent application

### Benefits:

- Excellent chemical resistance
- Tensitized PTFE enhances strength for extended use during manufacturing process
- UHMW solutions provide excellent abrasion / wear resistance



DeWAL® pressure sensitive tapes from Rogers leverage the strong properties of PTFE and UHMW films and combine them with proprietary adhesives to create specialized tapes that make excellent sealing solutions.

DeWAL® UHMW-PE tapes and films combine excellent abrasion resistance with permanent acrylic adhesives to provide solutions for weather sealing, vibration protection and noise abatement in automotive applications.

DeWAL® PTFE tape products are comprised of highly tensitized PTFE films which are coated with high temperature silicone adhesives and die cut to finished shapes, creating water sealing gaskets that can be used to prevent leaks in high temperature applications for the lifetime of the part.

# DeWAL® Solutions for Sealing

## UHMW-PE Tapes for Vibration Protection are offered in 3-, 5-, 10-, and 20-mil thick backing options

PRODUCT	BACKING SUBSTRATE	ADHESIVE SYSTEM	ADHESIVE THICKNESS	ADHESION Typical [ASTM-D 1000]	TENSILE STRENGTH Typical [ASTM-D 3759]	ELONGATION Typical [ASTM-D 3759]	Taber Abrasion Test Data (Weight Loss after 1000 cycles)
			mm (in)	g/cm (oz./in)	MPa (psi)	%	g (lbs)
DW403 Series	Natural UHMW	Elastomeric	0.1245 (0.0049 +/- 0.0007)	1098 - 1272 (98 - 114)	45 - 52 (6718 - 8623)	358 - 480	0.17 - 0.37 (0.000037 - 0.000082)
DW423 Series		Acrylic	0.0058 (0.0023 +/- 0.0003)	714 - 882 (64 - 79)	46 - 59 (6718 - 8623)	358 - 480	0.17 - 0.37 (0.000037 - 0.000082)
DW750 Series	Black UHMW	Acrylic	0.0058 (0.0023 +/- 0.0003)	625 - 882 (56 - 79)	45 - 52 (6495 - 7520)	295 - 441	Testing available upon request

DW403 is also offered in a Black Non-Conductive version (DW403BNC).

## Tensilized PTFE Tapes for Sealing Gaskets

PRODUCT	COLOR	ADHESIVE SYSTEM	BACKING THICKNESS Minimum	ADHESIVE THICKNESS Minimum	ADHESION Typical [ASTM-D 1000]	TENSILE STRENGTH Typical [ASTM-D 3759]	ELONGATION Typical [ASTM-D 3759]	DIELECTRIC STRENGTH Typical [ASTM-D149]
			mm (in)	mm (in)	g/cm (oz./in)	MPa (psi)	%	kV/m (V/mil)
DW204-2HD	Brown	Silicone	0.043 (0.0017)	0.030 (0.0012)	390 (35)	121 (17,535)	147	134,409.4 (3,414)
DW FST	Purple	Silicone	0.056 (0.0022)	0.025 (0.0010)	390 (35)	129 (18,769)	140	131,614.2 (3,343)

Typical values shown are from testing at date of manufacture and should not be used for specification limits. All metric conversions are approximate.