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3M

Squeak Reduction Tape

9324

Product Description 3M™ Squeak Reduction Tapes are a film tape for the automotive industry to help control squeaks and rattles due to vibration or wear of metal and plastic materials.

Product Construction

Backing	Adhesive	Liner
UHMW-PE Film (ultra-high molecular weight polyethylene)	Acrylic	55# densified kraft paper

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

ASTM Test Method

3M tape 9324		
Adhesion to Steel:	75 oz./in. width (82 N/100 mm)	D-3330
Tensile Strength:	40 lbs./in. width (696 N/100 mm)	D-3759
Elongation at Break:	175%	D-3759
Backing Thickness:	5.0 mils (0.13 mm)	D-3652
Total Tape Thickness: (without liner)	6.5 mils (0.17 mm)	D-3652
Liner Thickness:	2 mils (0.05 mm)	D-3652
Temperature Use Range:	-30° to 225°F (-34° to 107°C)	
Water Absorption:	0.01%	
Immersion:	24 hours at 75°F (24°C)	

Features

- Excellent adhesion to many painted metal and plastic surfaces.
- UHMW polyethylene is a thermoplastic that has a unique combination of properties which make it ideal for many tough impact wear or sliding applications.
- UHMW-PE tape will outwear most PTFE tapes in sliding applications.
- Low coefficient of friction characteristics is exceeded only by PTFE.
- UHMW-PE tape can be used where lubrication is not possible because of contamination.
- Maximum roll width 24 in. (610 mm).



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Application Ideas

- Automotive instrument panel and interior noise reduction.
- Noise reduction between rim fascia and painted metal.
- Noise reduction on doors.
- Industrial sliding or wear applications requiring very high adhesion.

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.