3MUHMW Polyethylene Tape 5425

Product Description Product Construction	3M [™] UHMW Polyethylene Tape 5425 is a film coated with a special acrylic adhesive that is resistant to many solvents.				
	Backing	Adhesive	Liner	Color	Standard Roll Length
	Ultra-high molecular weight polyethylene	Acrylic	55# densified kraft	Translucent	36 yds. (32.9 m)
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
	Adhesion to Steel:	30 oz.	30 oz./in. width (33 N/100 mm)		D-3330
	Tensile Strength:	45 lbs	./in. width (788 N	D-3759	
	Elongation at Break:	100%		D-3759	
	Backing Thickness:	3.0 mi	ls (0.08 mm)	D-3652	
	Total Tape Thickness: (without liner)	4.5 mi	ls (0.11 mm)	D-3652	
	Liner Thickness:	3.2 mi	ls (0.08 mm)	D-3652	
	Temperature Use Rang	e: -30° to	225°F (-34° to 1		
Features	 Acrylic adhesive is a firm high solvent and oil resistant adhesive which bonds best to high surface energy materials. 				
Features	•	_		resistant adhes	ive which bonds best
Features	to high surface eneUHMW polyethyle which make it idea	rgy material ene is a thern l for many to	s. noplastic that ha ough impact wea	s a unique cor ar or sliding ap	ive which bonds best mbination of properties oplications. Within its n provide the following
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reduce noise levels in machinery and

equipment.

3M™ UHMW Polyethylene Tape

5425

Application Ideas

- Abrasion protection for rubber fuel cells.
- Gaskets exposed to many corrosive chemicals.
- Spiral wrap wire harness to resist hydraulic fluids.
- Dissimilar metal separation to help prevent wear and chemical corrosion.
- Excellent for wear surfaces where transparency is needed.
- Guide rails and chutes requiring a more durable, solvent resistant slide surface.

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.

Product Use

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(ISO 9001:2000)

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



Industrial Business Industrial Adhesives and Tapes Division

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