3M UHMW Polyethylene Tape 5425

Technical Data

Product Description	3M [™] UHMW Polyethylene Tape 5425 is a film coated with a special acrylic adhesive that is resistant to many solvents and oil. Providing high adhesion and chemical resistance in the most demanding applications.			
Product Construction	Backing	Adhesive	Color	Standard Roll Length
	UHMW-PE Film (ultra-high molecular weight polyethylene)	Acrylic	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
	3M tape 5425 Adhesion to Steel: Tensile Strength: Elongation at Break: Backing Thickness: Total Tape Thickness (without liner): Liner Thickness: Temperature Use Rang	2 3 5 3 3	8 oz./in. width (53 N/100 mm) 5 lbs./in. width (444 N/100 mm) 90% .0 mils (0.08 mm) .1 mils (0.13 mm) .2 mils (0.08 mm) 30° to 225°F (-34° to 107°C)	D-3330 D-3759 D-3759 D-3652 D-3652 D-3652
Features	 using CS-10 whee Low water vapor t Acrylic adhesive i high surface energ UHMW polyethyl which make it idea Outstanding abrast applications. Low coefficient of UHMW-PE tape c contamination. Sound damping fo machinery and equ 	l and 1000g lo ransmission ra s a firm high s y materials. ene is a therma al for many tou ion resistance f friction chara can be used wh r high energy upment.	of wear through after Taber Abr ad when applied to S-37 mounti tte <0.50 g/100in. ² /24hrs. olvent and oil resistant adhesive oplastic that has a unique combin ugh impact wear or sliding applie so will outwear PTFE and other cteristics is exceeded only by PT ere lubrication is not possible be absorption capacity helps reduce ng or die-cutting into various ler	ng sheet. which bonds best to nation of properties cations. materials in sliding IFE. ecause of e noise levels in

normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative the original packaging material.		
est performance, use this product within 18 months from date of manufacture.		
To obtain best performance, use this product within 18 months from date of manufacture.		
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