3M PTFE Glass Cloth Tapes 5151 • 5153

Product Description	3M [™] PTFE Glass Cloth Tapes 5151 and 5153 are constructed using (PTFE) polytetra- fluoroethylene impregnated glass cloth with silicone adhesive. These tapes are used in many applications requiring high temperature performance and high abrasion resistance. 3M tapes 5151 and 5153 also come in a premium grade and a liner version.							
Product Construction	Product	Backing	Adhesive	Liner	Color	Standard Roll Length	Standard Roll Widths	
	3M tape 5151PL	Woven glass cloth impregnated with PTFE, premium grade, liner	Silicone	Embossed UPVC, random dot pattern, yellow	Dark Brown	36 yds. (32.9 m)	12, 24 and 36 ir	
Typical Physical Properties	3M tapes 5151 and 5153	Woven glass cloth impregnated with PTFE	Silicone	No liner	Light Brown	36 yds. (32.9 m)	12, 24 and 36 ir	
	3M tape 5153L	Woven glass cloth impregnated with PTFE, liner	Silicone	Embossed UPVC, random dot pattern, yellow	Light Brown	36 yds. (32.9 m)	12, 24 and 36 ir	
	Backing TI Total Tape	o Steel: ength at Break: nickness: Thickness:	110 lbs 3.0 mil: 5.3 mil:	n. width (36 N/100 ./in.width (1925 N/1 s (0.08 mm) s (0.13 mm)	00 mm)		D-3330 D-3759 D-3652 D-3652	
	Temperatu 3M tape 5 Adhesion t Tensile Str Backing Th	re Use Range: 153 o Steel: ength at Break:	-100°F 43 oz./ 290 lbs 5.8 mils	s (0.13 mm) to 500°F (-73°C to n. width (47 N/100 ./in.width (5075 N/1 s (0.15 mm) s (0.20 mm)	mm)		D-3652 D-3330 D-3759 D-3652 D-3652	
	Very lo	re Use Range: w moisture absorp	otion allows	· ·	rm in m	•		
Features	 Provides greater tensile strength and resistance to tear and puncture than typical PTFE film backed tapes. Thick glass cloth backing for a long wear life and high impact and puncture resistance. Thick PTFE coating for an exceptionally smooth surface and provides non-stick, low friction surface. Easy release liner on versions with liner. Silicone adhesive offers high temperature performance and long aging. 							

heat or expose PTFE film tapes to temperatures above 600°F (316°C).

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Application Ideas	• Easy release surface on packaging and heat sealing machines, ironing and pressing equipment.				
	Release surface on metal bonding tools.				
	• Lining conveying chutes, troughs and ducts.				
	• Covering rollers, drums, turnbars and formers on stitches, binders and other process machinery.				
Storage	Store under normal conditions of 60° to 80° F (15° to 27°C) and 40 to 50% R.H. in the original carton.				
Shelf Life	To obtain best performance, use this product within two years from date of manufacture.				
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	ISO 9001:2008				

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



Industrial Adhesives and Tapes Division

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3M:

<u>5153-2x36</u> <u>5151-3/4x36</u> <u>5151-11/2x36</u> <u>5151-2x36</u> <u>5151-3x36</u> <u>5153-3x36</u> <u>5151-1x36</u> <u>5153-3/4x36</u> <u>5153-1x36</u>