3M Polyester Tape8402

Product Description	3M TM Polyester Tape 8402 is a film tape with a silicone adhesive for composite bonding and splicing of many silicone coated papers and films.			
Product Construction	Backing	Adhesiv	ve Color	Standard Roll Length
	Polyester film	Silicone	Translucent green	72 yds. (66 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:		24 oz./in. width (26 N/100 mm)	D-3330
	Tensile Strength at Break:		25 lbs./in. width (438 N/100 mm)	D-3759
	Elongation at Break:		100%	D-3759
	Backing Thickness:		0.9 mils (0.02 mm)	D-3652
	Total Tape Thickness:		1.9 mils (0.05 mm)	D-3652
	Temperature Use Range:		Removes cleanly and remains flexible after 3 hours, 350°F (177°C), in autoclave.	
Features	 Abrasion, chemical and thermal resistant. Retains flexibility from -60° to 350°F (-50° to 177°C). Higher heat resistance as compared with acrylics. Easy and clean removability. 			
Application Ideas	 Masking edges of overlap seams in metal bonding process where the excess epoxy ("flash") flows onto the tape. Clean-up is complete when the tape is removed. Protective overall mask on panels subject to mild caustic or acid bath etching and to prevent scratches during handling prior to bonding operations. Holding of parts or vacuum bags during bonding operation. Mask for metal in acid or caustic chemical milling baths. Paint mask for areas subject to high temperature bake cycles. 			
	 Splicing of silicone liners and papers. 			

• Splicing of films subject to high temperatures.

3M[™] Polyester Tape

8402

Storage

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 24 months from date of manufacture.

Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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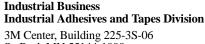
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(ISO 9001: 2000

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





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