3M General Purpose Polyester Tape8952

Product Description	3M TM General Purpose Polyester Tape 8952 is made with a 2 mil polyester backing and a silicone adhesive. It is designed for high temperature applications such as a flashbreaker tape in composite bonding in addition to splicing silicone and non-silicone coated papers and films.				
Product Construction	Backing Polyester	Adhesive Silicone	Color Blue	Liner Transparent Polyester Film	Standard Roll Sizes 72 yds. (66 m)
Typical Physical	Note: The f	ollowing tec	hnical in	formation and data should be cor	nsidered representative
Properties	or typical only and should not be used for specification purposes. ASTM Test Metho				
	Adhesion to Steel:			43 oz./in. width (47 N/100 mm)	D-3330
	Tensile Strength at Break:			51 lbs./in. width (893 N/100 mm)	D-3759
	Elongation at Break:			170%	D-3759
	Backing Thickness:			2 mils (0.05 mm)	D-3652
	Total Tape Thickness:			3.5 mils (0.09 mm)	D-3652
	Temperature Use Range:			Up to 425°F (218°C)	
Features	Designed to provide clean removal during masking operations involving high temperatures and pressure.				
	• Blue color makes it easy to see for removal.				
	 Polyester film that retains flexibility and thermal resistance to help reduce failures due to cracking. 				
	 Abrasion, chemical and thermal resistance that helps reduce failures due to backing deterioration. 				

• Silicone adhesive which has a higher heat resistance than many other adhesives

to help reduce failure due to softening, oozing and adhesive transfer.

3M[™] General Purpose Polyester Tape

8952

Application Ideas

- Masking edges of overlap seams in metal bonding process where excess epoxy (flash) flows onto tape. Clean-up is complete upon tape removal.
- Composite and Metal bonding this tape removes cleanly from stainless steel, anodized aluminum and glass after a four-hour bake cycle at 350°F (177°C).
- Holding parts or vacuum bags during bonding process.
- Splicing silicone treated materials, including paper, liners and films.
- One hour photo lab splicing tape.
- Circuit board masking.
- Masking parts in an anodizing process.

Storage

Store under normal conditions of 60° to 80° F (16° to 27° C) and 40 to 50% R.H. in the original carton.

Shelf Life

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

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

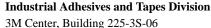
Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2000

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





3M Center, Building 225-3S-06 St. Paul, MN 55144-1000 800-362-3550 • 877-369-2923 (Fax) www.3M.com/industrial

