

# 3M

## Polyester Tape

### 8992/8992L

Technical Data

April, 2015

**Product Description** 3M™ Polyester Tape 8992 is a dark green polyester tape with silicone adhesive. It can be used in a large variety of high temperature applications including powdercoat masking, flashbreaker, and bag sealing applications. Additional applications include, splicing, tabbing, or roll closing silicone treated liners or materials.

| Product Construction | Backing   | Adhesive | Liner (8992L) | Color      | Standard Roll Length |
|----------------------|-----------|----------|---------------|------------|----------------------|
|                      | Polyester | Silicone | Polyester     | Dark Green | 72 yds. (65.8 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:       | 44 oz./in. width (48 N/100 mm) D-3330   |
| Tensile Strength:        | 57 lbs./in. width (998 N/100 mm) D-3759 |
| Elongation at Break:     | 148% D-3759                             |
| Backing Thickness:       | 2.0 mils (0.052 mm) D-3652              |
| Total Thickness:         | 3.2 mils (0.082 mm) D-3652              |
| Liner Thickness (8992L): | 3.0 mils (0.075 mm) D-3652              |
| Temperature Use Range:   | Up to 400°F (204°C)                     |

#### Features

- Polyester films offer excellent thermal, abrasion, and chemical resistance while maintaining their flexibility.
- Green color makes tape placement obvious for both application and removal.
- Backing leaves a sharp paint line.
- Silicone adhesives offer high heat resistance compared to many rubber and acrylic adhesives, reducing failure due to softening, oozing, and adhesive transfer.
- Silicone adhesives adhere well to tough-to-stick-to surfaces like silicone liners and fixtures coated with mold release.
- Silicone adhesive removes cleanly from many surfaces.
- Lined version available for die-cuts.

---

**Application Ideas**

- Masking for powdercoat painting.
- Flashbreaker tape when pulling through cured coating such as epoxies.
- Holding and splicing difficult to stick to surfaces such as silicone liner.
- Holding parts or sealing vacuum bags during processing.

---

**Storage**

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.

---

**Shelf Life**

To obtain best performance, use this product within 24 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 or 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.



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



**Industrial Business**  
**Industrial Adhesives and Tapes Division**  
3M Center, Building 220-3S-06  
St. Paul, MN 55144-1000  
800-362-3550 • 577-369-2923 (Fax)  
www.3M.com/industrial

*Recycled Paper*  
*40% pre-consumer*  
*10% post-consumer*

3M is a trademark of 3M Company.  
Printed in U.S.A.  
©3M 2015 (4/15)