



# Technical Data Sheet

## 3M™ Polyester Tape 8992L



[Product Details](#)



[Regulatory Info/SDS](#)

### **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 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.

### **Technical Information Note**

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

### **Typical Physical Properties**

| Attribute Name       | Test Method | Value              |
|----------------------|-------------|--------------------|
| Color                |             | Green              |
| Adhesive Type        |             | Silicone           |
| Backing              |             | Polyester          |
| Backing Thickness    | ASTM D3652  | 0.052 mm (2 mil)   |
| Total Tape Thickness | ASTM D3652  | 0.082 mm (3.2 mil) |
| Liner                |             | Polyester          |
| Liner Thickness      |             | 0.075 mm (3 mil)   |

### **Typical Performance Characteristics**

| Attribute Name                   | Test Method | Temperature   | Value                            |
|----------------------------------|-------------|---------------|----------------------------------|
| 180° Peel Adhesion               | ASTM D3330  | 22 °C (72 °F) | 4.8 N/cm (44 oz/in) <sup>1</sup> |
| Elongation at Break              | ASTM D3759  |               | 148 %                            |
| Tensile Strength                 | ASTM D3759  |               | 99.8 N/cm (912 oz/in)            |
| Long Term Temperature Resistance |             |               | 204 °C (400 °F) <sup>2</sup>     |

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> Long Term (day, weeks)

### **Handling/Application Information**

#### **Application Examples**

- 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 and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.  
To obtain best performance, use this product within 24 months from date of manufacture.

## Available Sizes

| Attribute Name       | Value          |
|----------------------|----------------|
| Standard Roll Length | 65.8 m (72 yd) |

## Information

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## ISO Statement

This product was manufactured under a quality system registered to ISO 9001 standards.

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