



## Technical Data Sheet

### 3M™ Polyester Tape 8992



[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)

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

### **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**

<b>Attribute Name</b>	<b>Value</b>
Standard Roll Length	65.8 m (72 yd)

## **Information**

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## **ISO Statement**

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