



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) ¹ |
| Elongation at Break | ASTM D3759 | | 148 % |
| Tensile Strength | ASTM D3759 | | 99.8 N/cm (912 oz/in) |

¹ 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 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For 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 3M quality system registered to ISO 9001 standards.

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