



Technical Data Sheet

3M™ Polyester Tape 8911



[Product Details](#)

Product Description

3M™ Polyester Tape 8911 is a transparent polyester tape with silicone adhesive that can be used in composite bonding, splicing, and applications that may require high temperature, chemical, and abrasion resistance with the benefit of transparency.

Product Features

- Transparent backing provides easy identification and positioning
- Polyester film offers excellent thermal and chemical resistance while maintaining flexibility
- Silicone adhesive provides clean removal from a variety of surfaces
- Removes cleanly from stainless steel, anodized aluminum and glass after a 5 hour bake cycle at 350°F (177°C).

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		Transparent
Adhesive Type		Silicone
Backing		Polyester
Backing Thickness	ASTM D3652	0.02 mm (0.9 mil)
Total Tape Thickness	ASTM D3652	0.06 mm (2.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	2.8 N/cm (26 oz/in) ¹
Elongation at Break	ASTM D3759		110 %
Tensile Strength	ASTM D3759		45.5 N/cm (26 lb/in)
Long Term Temperature Resistance			204 °C (400 °F) ²

¹ 12 in/min (300 mm/min)

² Long Term (day, weeks)

Handling/Application Information

Application Examples

- Transparent splicing of silicone liner, films and papers
- Protective tape reduces scratches during handling and shipping
- Label protection

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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