



# 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) <sup>1</sup>
Elongation at Break	ASTM D3759		110 %
Tensile Strength	ASTM D3759		45.5 N/cm (416 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**

- 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**

<b>Attribute Name</b>	<b>Value</b>
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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