

# Technical Data Sheet

## 3M™ Polyester Tape 8911

### 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

Property	Values	Additional Information
Backing	Polyester	
Adhesive Type	Silicone	
Color	Transparent	
Backing Thickness (mm)	0.02 mm	View 
Test Method: ASTM D3652		
Total Tape Thickness (mil)	2.3 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.06 mm	View 
Test Method: ASTM D3652		
Backing Thickness	0.9 mil	

View 

Test Method: ASTM D3652

## Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	45.5 N/cm	View 
Test Method: ASTM D3759		
180° Peel Adhesion	2.8 N/cm	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	26 oz/in	View 
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength	416 oz/in	View 
Test Method: ASTM D3759		
Elongation at Break (%)	110 %	View 
Test Method: ASTM D3759		
Long Term Temp C	204 °C	View 
Test Condition: Long Term (day, weeks)		
Long Term Temp F	400 °F	View 
Test Condition: Long Term (day, weeks)		

## Available Sizes

Property	Values	Additional Information
Standard Roll Length	65.8 m	
Standard Roll Length	72 yd	

## Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

To obtain best performance, use this product within 24 months from date of manufacture.

## Bottom Matter

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3M

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## Trademarks

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3M is a trademark of 3M Company.

## Handling/Application Information

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### Application Examples

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

## References

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Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/p/d/b40070597/">https://www.3m.com/3M/en_US/p/d/b40070597/</a>
Safety Data Sheet SDS	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=8911">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=8911</a>

## ISO Statement

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

## Information

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