

May, 2017

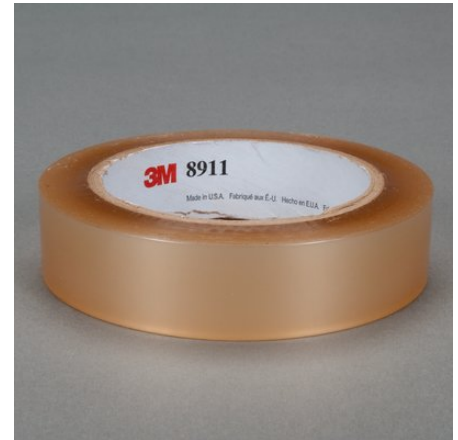
3M™ Polyester Tape 8911

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).



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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		Method
Color	Transparent		
Total Tape Thickness	0.06 mm	2.3 mil	ASTM D3652
Backing Thickness	0.02 mm	0.9 mil	ASTM D3652
Backing	Polyester		
Adhesive	Silicone		

Typical Performance Characteristics

Property	Values		Method	Dwell/Cure Time	Substrate	Notes
180° Peel Adhesion	2.8 N/cm	26 oz/in	ASTM D3330	Initial	Stainless Steel	12 in/min (300 mm/min)
Tensile Strength	45.5 N/cm	416 oz/in	ASTM D3759			
Elongation at Break	110 %		ASTM D3759			
Temperature Use Range	Up to 204 °C	Up to 400 °F				

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Available Sizes

Property	Values	
Standard Roll Length	65.8 m	72 yd

Handling/Application Information

Application Ideas

- 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 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.

Trademarks

3M is a trademark of 3M Company.

References

Property	Values	Method
3m.com Product Page	https://www.3m.com/3M/en_US/company/us/all-3m-products/~/3M-Polyester-Tape-8911?N=5002385+3293242594&rt=rudmil	ASTM D3652
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company/us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8911in	ASTM D3652

ISO Statement

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

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Information

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