

April, 2015

3M™ Polyester Tape 8992/8992L

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.



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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	Green		
Total Tape Thickness	0.082 mm	3.2 mil	ASTM D3652
Backing Thickness	0.052 mm	2 mil	ASTM D3652
Backing	Polyester		
Adhesive	Silicone		
Liner	Polyester		
Liner Thickness	0.075 mm	3 mil	ASTM D3652

Typical Performance Characteristics

Property	Values		Method	Dwell/Cure Time	Substrate	Backing	Notes
180° Peel Adhesion	4.8 N/cm	44 oz/in	ASTM D3330	72 hr	Stainless Steel	2 mil Aluminum Foil	12 in/min (305 mm/min)
Tensile Strength	99.8 N/cm	912 oz/in	ASTM D3759				
Elongation at Break	148 %		ASTM D3759				

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Typical Performance Characteristics (continued)

Property	Values		Method	Dwell/Cure Time	Substrate	Backing	Notes
Temperature Use Range	Up to 204 °C	Up to 400 °F					

Available Sizes

Property	Values	
Standard Roll Length	65.8 m	72 yd

Handling/Application Information

Application Ideas

- 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 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
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
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References (continued)

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Polyester-Tape-8992?N=5002385+3293242592&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=8992/8992L

ISO Statement

This product was manufactured under a quality system registered to ISO 9001 standards.

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Information

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