



Technical Data Sheet

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.

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	
Liner	Polyester	
Liner Thickness	0.075 mm	
Color	Green	
Backing Thickness (mm)	0.052 mm	View
Test Method: ASTM D3652		
Total Tape Thickness (mil)		

3.2 mil	View	^
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Test Method: ASTM D3652

Total Tape Thickness (mm)	0.082 mm	View	^
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Test Method: ASTM D3652

Backing Thickness	2 mil	View	^
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Test Method: ASTM D3652

Liner Thickness	3 mil		
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Typical Performance Characteristics

Property	Values	Additional Information
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Tensile Strength	99.8 N/cm	View	^
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Test Method: ASTM D3759

180° Peel Adhesion	4.8 N/cm	View	^
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

180° Peel Adhesion	44 oz/in	View	^
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Test Method: ASTM D3330
Notes: 12 in/min (300 mm/min)

Tensile Strength	912 oz/in	View	^
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Test Method: ASTM D3759

Elongation at Break (%)	148 %	View	^
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Test Method: ASTM D3759

Long Term Temperature Resistance	204 °C		
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Long Term Temperature Resistance	400 °F		
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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% relative humidity in the original packaging material. To obtain best performance, use this product within 24 months from date of manufacture.

Bottom Matter

3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550

Trademarks

3M is a trademark of 3M Company.

Handling/Application Information

Application Examples

- 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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40070623/
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.

Information

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