

# 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	<a href="#">View</a>
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.082 mm	<a href="#">View</a>
Test Method: ASTM D3652		
Backing Thickness	2 mil	<a href="#">View</a>
Test Method: ASTM D3652		
Liner Thickness	3 mil	

### Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	99.8 N/cm	<a href="#">View</a>
Test Method: ASTM D3759		
180° Peel Adhesion	4.8 N/cm	<a href="#">View</a>
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	44 oz/in	<a href="#">View</a>
Test Method: ASTM D3330		
Notes: 12 in/min (300 mm/min)		
Tensile Strength	912 oz/in	<a href="#">View</a>
Test Method: ASTM D3759		
Elongation at Break (%)	148 %	<a href="#">View</a>
Test Method: ASTM D3759		
Long Term Temp C	204 °C	<a href="#">View</a>
Test Condition: Long Term (day, weeks)		
Long Term Temp F	400 °F	<a href="#">View</a>
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% 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	<a href="https://www.3m.com/3M/en_US/p/d/b40070623/">https://www.3m.com/3M/en_US/p/d/b40070623/</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=8992/8992L">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=8992/8992L</a>

## Family Group

Link Tags:

- 8992
- 8992L

Products	Liner	Color	Backing Thickness (mm)	Total Tape Thickness (mm)	Tensile Strength	Long Term Temp C	Long Term Temp F	Backing	Adhesive Type
8992	Polyester	Green	0.052 mm	0.082 mm	99.8 N/cm	204 °C	N/A	N/A	N/A

8992L	Polyester	N/A	N/A	N/A	99.8 N/cm	204 °C	400 °F	Polyester	Silicone
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## ISO Statement

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

## Information

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