



Polyester Tape

8992D Green Discs and

8992D Green Tabbed Discs

Technical Data

July, 2014

Product Description 3M™ Polyester Tape 8992D Discs and Tabbed Discs are dark green polyester tape with silicone adhesive. They can be used in a large variety of masking applications, including high temperature powdercoating, e-coating, electroplating, and anodizing. Available in multiple diameters.

Product Construction	Backing	Adhesive	Liner	Color	Standard Diameters
					0.38 in. (9.5 mm)
					0.39 in. (9.9 mm)
					0.50 in. (13 mm)
					0.63 in. (16 mm)
					0.75 in. (19 mm)
					1.0 in. (25 mm)
					2.0 in. (51 mm)
					4.0 in. (102 mm)

Typical Physical Properties **Note:** The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

ASTM Test Method

Adhesion to Steel:	33 oz./in. width (36 N/100 mm)	D-3330
Tensile Strength:	48 lbs./in. width (840 N/100 mm)	D-3759
Elongation at Break:	83%	D-3759
Backing Thickness:	2.0 mils (0.05 mm)	D-3652
Total Thickness:	3.3 mils (0.09 mm)	D-3652
Liner Thickness:	2.0 mils (0.05 mm)	D-3652
Temperature Use Range:	Up to 400°F (204°C)	

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 without slivering or breaking.
- Tabbed discs allow for easier, finger-tip, removal and discontinues the use of blades.
- Silicone adhesives offer high heat resistance compared to many rubber and acrylic adhesives, reducing failure due to softening, oozing, and adhesive transfer.
- Silicone adhesive removes cleanly from many surfaces.

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Application Ideas	<ul style="list-style-type: none">• Masking for powdercoat painting, e-coating, electroplating, and anodizing.• Tab closure for tough-to-stick-to surfaces like silicone liners and fixtures coated with mold release
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Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
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Shelf Life	To obtain best performance, use this product within 24 months from date of manufacture.
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Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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ISO 9002

This Industrial Adhesives and Tapes Division product was manufactured under a quality system registered to ISO 9001:2000 standards.



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