



# Powder Coat Masking Tape

## 8905

Technical Data

October, 2003

### Product Description

3M™ Powder Coat Masking 8905 is a high temperature tape with a silicone adhesive for use as a maskant in powder coat painting and is designed to provide clean removal during masking operations involving high temperatures and pressure.

### Product Construction

Backing	Adhesive	Color	Standard Roll Length
Polyester	Silicone	Blue	72 yds. (66 m)

### 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:	43 oz./in. width (47 N/100 mm)	D-3330
Tensile Strength at Break:	150 lbs./in. width (2627 N/100 mm)	D-3759
Elongation at Break:	130%	D-3759
Total Tape Thickness:	6.5 mils (0.165 mm)	D-3652
Temperature Use Range:	Up to 400°F (204°C)	

### Features

- Polyester film that retains flexibility and thermal resistance and is abrasion, chemical and thermal resistant to help reduce failures.
- Silicone adhesive for higher heat resistance than many other adhesives to help reduce failure due to softening, oozing and adhesive transfer.

### Application Ideas

- Composite and metal bonding as it removes cleanly from stainless steel, anodized aluminum and glass after a 5 hour bake cycle at 350°F (177°C).
- Masking edges of overlap seams in metal bonding process where excess epoxy (“flash”) flows onto tape as clean-up is complete upon tape removal.
- Holding parts or vacuum bags during bonding process.
- Masking parts for thick epoxy powder coat painting.
- Splicing silicone treated materials.
- Composite bagging operations or to remove flashing after bonding.

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**Storage** Store under normal conditions of 70°F (21°C) and 40-50% R.H. in the original carton.

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**Shelf Life** To obtain best performance, use this product within 18 months from date of manufacture.

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**For Additional Information** To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/industrialtape](http://www.3M.com/industrialtape). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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