

# Scotch™

## Fine Line Tape

### 215



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#### Technical Data

September 1, 1998

Supersedes November 1, 1997

**Product Description** A very conformable film backed tape with a low profile to achieve an excellent paint line on highly contoured surfaces.

**Product Construction** Backing: Copolymer plastic film  
Adhesive: Rubber  
Color: Blue  
Standard Roll Length: 60 yds. (54.8m)

**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:	48 oz./in. width (53 N/100mm)	D-3330
Tensile Strength:	10 lbs./in. width (175 N/100mm)	D-3759
Elongation at Break:	460%	D-3759
Tape Thickness:	4.7 mils (0.12mm)	D-3652
Temperature Use Range:	Up to 250°F (121°C)	

- General Information**
1. Tape 215 is ideal for masking many complex shapes and irregular surfaces where paper masking tapes or other plastic tapes do not offer sufficient conformability.
  2. Because of its unique film backing, Tape 215 resists lifting around corners or in depressed areas. It is ideal for use on plastic auto fascias or for masking over rivets.
  3. The smooth film backing will allow taping over freshly cured acrylic lacquer, enamel and polyurethane paint jobs sooner with less chance of imprint damage.
  4. Tape will give excellent color line separation due to its thinness.
  5. Tape 215 will withstand a bake cycle up to 250°F (121°C) for 40 minutes. Excellent performance at higher temperatures may be obtained, depending upon the total time, temperature, surfaces masked and other conditions.
  6. Tape 215 should not be subjected to outdoor applications or prolonged periods of sunlight. Tape may become very difficult to remove.
  7. Tape 215 is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.

### Shelf Life

To obtain best performance, use this product within one year from date of manufacture and store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

### Application Ideas

Tape 215 is ideal for painting applications where temperature performance of 250°F (121°C), conformability, and a sharp, clean paint separation line are needed, such as automotive fascias, window and door pillars.

### Features

<u>FEATURES</u>	<u>ADVANTAGES</u>	<u>BENEFITS</u>
Blue film backing	Conformability	Virtually no recovery and lift on curves/helps reduce rework
	Smoothness	Minimizes chance of imprint damage/fewer rejects
	Thinness	Minimum paint edge build-up/helps improve paint job
	Solvent and moisture resistance	Helps prevent bleed-through/helps reduce rework
	Bright color	Easily seen on job/fewer rejects
Balanced heat resistant rubber resin adhesive	Instant adhesion	Adheres easily/helps reduce labor involved
	Good holding power	Resists lifting or curling/helps reduce rework
	Adhesive transfer resistance	Clean removal/helps reduce labor
	Temperature performance	Permits removal after bake cycle/helps reduce labor
Special backsize	Controlled unwind	Easy to use/helps minimize waste

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**Technical Data**

All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the masking paper, film or tape for the intended use.

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