



# High-temperature Fine Line Tape

## Solid (Opaque) Blue

### 4737S

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#### Technical Data

September 1, 1998

Supercedes November 1, 1997

**Product Description** A solid color (opaque) blue high-temperature vinyl fine line paint masking tape for fascia, rocker panels, two-tone and other multiple color applications where critical paint break lines are required.

**Product Construction** Backing: Vinyl plastic film  
Adhesive: Rubber  
Color: Solid (opaque) blue  
Standard Roll Length: 36 yds. (32.9m)

**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.

		<u>ASTM TEST METHOD</u>
Adhesion to Steel:	14 oz./in. width (15 N/100mm)	D-3330
Tensile Strength:	14 lbs./in. width (245 N/100mm)	D-3759
Elongation at Break:	150%	D-3759
Tape Thickness:	5.1 mils (0.13mm)	D-3652
Temperature Use Range:	Up to 325°F (163°C) for 60 min.	

- General Information**
1. This product is ideal for the transportation OEM industry as a paint maskant for metal and plastic surfaces.
  2. Tape 4737S handles paint oven bake cycles up to 325°F (163°C) for up to one hour.
  3. The solid color backing offers good contrast to most surfaces, making masking easier in many applications.
  4. The conformable backing is designed for uniform stretching to help create better paint lines.
  5. The adhesive and backing work together to reduce paint seepage to a minimum.

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### General Information (cont.)

1. Tape 4737S can be used successfully with most solvent or water-based paint systems.
  2. Tape 4737S will give outstanding color separation due to its thinness.
  3. Smooth trimmed edges create a continuous straight paint line.
  4. Tape 4737S should not be subjected to outdoor exposure or prolonged periods of sunlight exposure. Tape may become very difficult to remove.
  5. Tape 4737S is manufactured in an ISO 9002 registered plant to meet worldwide quality standards.
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### 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.

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### Features

#### FEATURES

#### ADVANTAGES

#### BENEFITS

Vinyl backing

Heat resistant

One piece removal helps save time

Functions well with modern, high-temperature bake cycles

Holds under heat strain yet removes cleanly

Minimal neck down when stretched

Accurate paint lines/helps save rework time

Solid (Opaque)

Easy to see on job, doesn't blend with substrate color

Good contrast with work piece

Conformable

Applies easily and remains in place in areas of tight radii and depressions, helping to increase operating productivity

Low glare

Rubber adhesive

Paint/solvent resistant

Helps minimize clean-up of adhesive residue

Helps minimize rejects due to paint undercutting

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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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#### Important Notice

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