



# High-temperature Fine Line Tape

## Translucent Blue

### 4737T

1477

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#### Technical Data

September 1, 1998

Supercedes November 1, 1997

**Product Description** A translucent 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: Translucent 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.

		<b>ASTM TEST METHOD</b>
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 4737T handles paint oven bake cycles up to 325°F (163°C) for up to one hour.
  3. Translucent backing allows the operators a full view of the substrate while positioning the tape for better accuracy to index marks or feature lines.
  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 4737T can be used successfully with most solvent or water-based paint systems.
  2. Tape 4737T will give outstanding color separation due to its thinness.
  3. Smooth trimmed edges create a continuous straight paint line.
  4. Tape 4737T should not be subjected to outdoor exposure or prolonged periods of sunlight exposure. Tape may become very difficult to remove.
  5. Tape 4737T 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 saves 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

Translucent

Allows visual confirmation of accurate placement

Allows visual confirmation of adhesive wet out on substrate to aid operator with proper contact

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

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M ITSD product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M ITSD product. Given the variety of factors that can affect the use and performance of a 3M ITSD product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M ITSD product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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### Limitation of Remedies and Liability

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