

Scotch®

3M

High Temperature Fine Line Tape

4737S • 4737T

Technical Data

March, 2010

Product Description Scotch® High Temperature Fine Line Tape 4737 is a vinyl paint masking tape for fascia, rocker panels, two-tone and other multiple color applications where critical paint break lines are required.

Product Construction	Backing	Adhesive	Colors	Standard Roll Length
	Vinyl	Rubber	Tape 4737S - Blue (Solid) Tape 4737T - Blue (Translucent)	36 yds. (32.9 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.

IMPORTANT NOTICE: The following technical data is from tests conducted on samples taken from limited production data. 3M will continue to test samples from additional production runs and will issue an updated technical data sheet. 3M recommends you test this product to make sure it is fit for your particular purpose and suitable for your applications.

		ASTM Test Method
Adhesion to Steel:	14 oz./in. width (15 N/100 mm)	D-3330
Tensile Strength:	16 lbs./in. width (280 N/100 mm width)	D-3759
Elongation at Break:	130%	D-3759
Tape Thickness:	5.3 mils (0.135 mm)	D-3652
Temperature Use Range:	Up to 300°F (149°C) for up to 30 minutes. Removes Cleanly*	

*Has been laboratory tested on stainless steel and found to remove cleanly at bake temperatures of up to 300°F (149°C) for 30 minutes. The actual temperature and time performance may be higher or lower for a given application. Clean removal can vary dependent on surface type, processing conditions such as multiple bakes, type of paint involved as well as the temperature of the surface at removal. We recommend testing the product under your conditions to determine if it meets your needs.

Features

- The conformable backing is designed for uniform stretching to help create better paint lines.
- The adhesive and backing work together to minimize paint seepage.
- Can be used successfully with most solvent or water-based paint systems.
- Outstanding fine line color separation.
- Smooth trimmed edges create a continuous straight paint line.
- Designed for indoor use.
- Vinyl backing is heat resistant for one piece removal.
- Functions with modern, high temperature bake cycles to hold under heat strain yet removes cleanly.
- Minimal neck down when stretched for accurate paint lines.
- Tape 4737S - Solid backing aids in seeing contrast with substrate color.
- Tape 4737T - Translucent backing allows visual confirmation of adhesive wet out on substrate.
- Conformable to allow ease of application in areas of tight radii and depressions.

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Application Ideas	Ideal for the transportation OEM industry for paint masking of metal and plastic surfaces.
Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
Shelf Life	To obtain best performance, use these products within one year from date of manufacture.
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ISO 9001:2000

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