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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## High Temperature Fine Line Tape

4737S • 4737T

### Technical Data

August, 2011

**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	Color	Standard Roll Length
	Vinyl	Rubber	Scotch® Tape 4737S - Blue (Solid) Scotch® 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.**

		ASTM Test Method
Adhesion to Steel:	10.5 oz./in. width (11.5 N/100 mm)	D-3330
Tensile Strength:	16 lbs./in. width (280 N/100 mm)	D-3759
Elongation at Break:	115%	D-3759
Tape Thickness:	5.4 mils (0.137 mm)	D-3652
Temperature Use Range:	Up to 300°F (149°C) for up to 30 minutes.*	

\*Has been laboratory tested on stainless steel and found to leave little to no adhesive residue 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 and can vary due to substrate coatings and processing conditions (i.e. multiple bake cycles and the temperature of the surface at removal). We suggest testing the product under your process 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.
- 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 high temperature paint bake cycles.
- Minimal neck down when stretched for accurate paint lines.
- Scotch® Tape 4737S - Solid backing aids in seeing contrast with substrate color.
- Scotch® 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.

# Scotch® High Temperature Fine Line Tape

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**Application Ideas** Ideal for the transportation OEM industry for paint masking of metal and plastic surfaces.

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

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

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**Technical Information** The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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**Product Use** Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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**ISO 9001:2008**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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