

August, 2011

# 3M™ Scotch® High Temperature Fine Line Tape 4735

## Product Description

Scotch® High Temperature Fine Line Tape 4735 is a 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 Features

- The drapable 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.
- 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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## Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

Property	Values		Method
Color	Orange (Translucent)		
Total Tape Thickness	0.137 mm	5.4 mil	ASTM D3652
Backing	Vinyl		
Adhesive	Rubber		

## Typical Performance Characteristics

Property	Values		Method	Substrate	Notes
Peel Adhesion	1 N/cm	9.5 oz/in	ASTM D3330	Stainless Steel	
Tensile Strength	24.5 N/cm	224 oz/in	ASTM D3759		
Elongation at Break	130 %		ASTM D3759		

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## Typical Performance Characteristics (continued)

Property	Values		Method	Substrate	Notes
Temperature Use Range	149 °C	300 °F			Has been laboratory tested on painted steel panels and found to remove cleanly at bake temperatures indicated 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.

## Available Sizes

Property	Values	
Standard Roll Length	32.9 m	36 yd

## Handling/Application Information

### Application Ideas

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

### Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.  
To obtain best performance, use within 12 months from date of manufacture.

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## Trademarks

Scotch is a registered trademark of 3M.

## References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-High-Temperature-Fine-Line-Tape-4735?N=5002385+3293242025&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/~-/Scotch-High-Temperature-Fine-Line-Tape-4735?N=5002385+3293242025&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=4735">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=4735</a>

## ISO Statement

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

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## Information

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