



Technical Data Sheet

Scotch® High Temperature Fine Line Tape
4735L



[Regulatory Info/SDS](#)

Product Description

Scotch® High Temperature Fine Line Tape 4735L is a vinyl paint masking tape with release liner. Typically used for diecuts and plotter cut parts for fascia, rocker panels, two-tone and other multiple color applications where critical paint break lines are required.

Product Features

- The highly conformable backing is designed to conform to surface contours to help create better paint lines.
- Lay flat release liner for die cut and plotter cut shapes.
- Functions with high temperature paint bake cycles.
- Outstanding fine line color separation.
- Designed for indoor use.
- Orange color provides contrast for accurate placement.
- Translucent backing allows visual confirmation of adhesive wet out on substrate.
- Polycoated lay-flat release liner

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

Attribute Name	Test Method	Value
Color		Orange (semi-Translucent)
Adhesive Type		Rubber
Backing		vinyl
Total Tape Thickness	ASTM D3652	0.137 mm (5.4 mil)
Liner Thickness		0.147 mm (5.8 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	1.7 N/cm (16 oz/in) ¹
Elongation at Break	ASTM D3759		130 %
Tensile Strength	ASTM D3759		24.5 N/cm (14 lb/in)
Short Term Temperature Resistance			149 °C (300 °F) ²

¹ 12 in/min (300 mm/min)

² Short Term (minutes, hour)

Handling/Application Information

Application Examples

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

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	32.9, 91.5, 164.7, 228.7, 457.5 m (36, 100, 180, 250, 500 yd)

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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