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Technical Data Sheet

3M™ Scotch® High Temperature Fine Line Tape 4737TL

Product Details

Regulatory Info/SDS

Product Description

Scotch® High Temperature Fine Line Tape 4737TL 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 conformable backing is designed for uniform stretching 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.
- Minimal neck down when stretched for accurate paint lines.
- Designed for indoor use.
- Scotch® Tape 4737SL - Solid backing aids in seeing contrast with substrate color.
- Scotch® Tape 4737TL – 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		Blue (Translucent)
Adhesive Type		Rubber
Backing		vinyl
Total Tape Thickness	ASTM D3652	0.13 mm (5.1 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)	2.8 N/cm (26 oz/in) [1]
Elongation at Break	ASTM D3759		75 %
Tensile Strength	ASTM D3759		28 N/cm (256 oz/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 70°F (21°C) and 50% R.H. in the original carton.
To obtain best performance, use 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 Closure and Masking Systems Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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