



Technical Data Sheet

3M™ Premium High Temperature Masking Tape 2393



[Product Details](#)

Product Description

3M™ Premium High Temperature Masking Tape 2393 is a smooth, heavy duty, mini-crepe, premium high temperature masking tape. It is specifically designed for those applications where easy removal after bake is important. This masking tape offers excellent paint mask performance with high solids paints and clear coats used in the transportation industry.

Product Features

- Can be certified to ASTM D-6123/D-6123M-97 upon request. (replaces obsolete PPP-T-42C, Type I, and (CID-A-A-883B).
- The adhesive offers excellent adhesion to and easy removability from both metal and plastic substrates.
- Excellent high temperature performance, removes cleanly.
- The smoothness of the backing makes this tape very “user friendly.”
- Rubber adhesive with instant adhesion that sticks easily and allows fast application.
- Excellent holding power that resists lifting or curling and helps reduce rework.
- Conformability and easy handling that reduces time involved.
- Special backsize treatment that controls unwind, and helps reduce waste.
- The balanced construction with a stronger backing gives this tape easy removal properties without slivering.
- Low unwind reduces workers’ fatigue.
- Tape may become difficult to remove if subjected to prolonged outdoor exposure

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		Tan
Adhesive Type		Rubber
Backing		Smooth mini-crepe paper treated with a heat resistant saturant.
Total Tape Thickness	ASTM D3652	0.185 mm (7.6 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	3.6 N/cm (32 oz/in) ¹
Elongation at Break	ASTM D3759		11 %
Tensile Strength	ASTM D3759		49 N/cm (28 lb/in)
Short Term Temperature Resistance			163 °C (325 °F) ²

¹ 12 in/min (300 mm/min)

² Short Term (minutes, hour)

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	55 m (60 yd) ¹

¹ Available in metric widths (eg, 24 mm corresponds to 1 inch).

Information

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ISO Statement

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

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