



Technical Data Sheet

3M™ Performance Masking Tape 2380



[Product Details](#)

Product Description

3M™ Performance Masking Tape 2380 is a smooth, strong, mini-crepe paper masking tape suitable for most paint masking applications.

Product Features

- Designed for industrial use where a good paint line is desired and drying conditions range from air dry to an oven bake.
- Embodies all the features that are desirable of a paint masking tape.
- Has excellent conformability and easy tear.
- Has been laboratory tested on painted steel panels and found to remove cleanly at bake temperatures up to 325°F (163°C) 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.
- The unique balance of adhesive and backing provides a high degree of resistance to tearing or slivering on removal.
- Should not be subjected to outdoor exposure or prolonged periods of sunlight as tape may become difficult to remove.
- Can be certified to ASTM D-6123/D-6123M-97 upon request. (replaces obsolete PPP-T-42C, Type I, and (CID-A-A-883B).

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		Natural/synthetic rubber blend
Backing		Smooth crepe paper treated with a heat and solvent resistant saturant
Total Tape Thickness	ASTM D3652	0.182 mm (7.2 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	4.3 N/cm (39 oz/in) ¹
Elongation at Break	ASTM D3759		10 %
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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