Technical data sheet

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Manufacturer:	3M DEUTSCHLAND GMBH
Product group:	KLEBEBAND
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3M HIGH PERFORMANCE MASKING TAPE 232

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Technical Data Sheet

3M™ High Performance Masking Tape 232

Product Details

Regulatory Info/SDS

Product Description

3M™ High Performance Masking Tape 232 is designed to be used in medium temperature paint bake operations.

Product Features

• Has been laboratory tested on painted panels and found to remove cleanly at bake temperatures of up to 250°F (121°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.
• 3M proprietary solvent-free adhesive sticks to most surfaces including metal, rubber, glass, plastic, and EPDM rubber moldings – while removing cleanly.
• Tape may become difficult to remove if subjected to prolonged outdoor exposure.
• Has been tested and found to meet requirements of ASTM D 6123/ D6123M-97. 3M does not test each lot for compliance to this specification.

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 crepe paper with a heat resistant saturant
Total Tape Thickness	ASTM D3652	0.16 mm (6.3 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	4.1 N/cm (37 oz/in) [1]
Elongation at Break	ASTM D3759		10 %
Tensile Strength	ASTM D3759		52.5 N/cm (30 lb/in)
Short Term Temperature Resistance			121 °C (250 °F) [2]

[1] 12 in/min (300 mm/min)

[2] Short Term (minutes, hour)

Handling/Application Information

Application Examples

• Excellent paint masking tape.
• Used throughout industry for holding, protecting, bundling and a vast number of other difficult jobs where a pressure sensitive tape is needed.

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	55 m (60.17 yd) [1]

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

Information

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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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