

English

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Technical Data Sheet

3M™ Impact Stripping Tape 500

Product Details

Regulatory Info/SDS

Product Description

3M™ Impact Stripping Tape 500 is a specially compounded light green rubber-backed tape with an acrylic adhesive and easy-release liner. This product is designed for masking and surface protection during dry media blast paint removal, as well as other blasting applications.

Product Features

• Specially formulated rubber backing designed to withstand impact against common blasting media including aluminum oxide, steel shot, glass bead, and plastic media..
• Die-cuttable, easy-release liner.
• Acrylic adhesive for excellent adhesion to various surfaces.

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 Paper
Adhesive Type		Transparent Acrylic
Backing		Green Rubber
Total Tape Thickness	ASTM D3652	0.91 mm (36 mil)
Liner Thickness		0.081 mm (3.2 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C (72 °F)	2.5 N/cm (23 oz/in) [1]
Tensile Strength	ASTM D3759		17.5 N/cm (160 oz/in)
Long Term Temperature Resistance			49 °C (120 °F) [2]

[1] 12 in/min (300 mm/min)
[2] Long Term (day, weeks)

Handling/Application Information

Application Examples

• Masking to protect surfaces from overspray during blasting applications.
• Ideal for protection during plastic media blast (PMB) paint stripping operations.
• Stencil designs for wood and glass signs.
• It is recommended that the temperature of the application surface is at least 40°F (4°C) or above. The application surface should be warm, clean and dry.
• Rub down firmly when applying to achieve maximum adhesion to surface.

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% relative humidity in the original packaging material.
To obtain best performance, use this product within 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	9.1 m (10 yd)

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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