



Technical Data Sheet

3M™ Impact Stripping Tape 500

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-cutable, 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
Liner Thickness		0.081 mm

Typical Performance Characteristics

Attribute Name	Test Method	Temperature	Value
180° Peel Adhesion	ASTM D3330	22 °C	2.5 N/cm ¹
Tensile Strength	ASTM D3759		17.5 N/cm
Long Term Temperature Resistance			49 °C 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 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 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	9.1 m

Information

Precautionary Information: Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information, please contact your local 3M Office. You can click or scan QR code to see contact detail or visit www.3M.com Important Information: All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law. Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

ISO Statement

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

3M™ Centre
Cain Rd, Binfield, Bracknell RG12 8HT, United Kingdom
3m.co.uk/iatd

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