



# 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-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 (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) <sup>1</sup>
Tensile Strength	ASTM D3759		17.5 N/cm (160 oz/in)
Long Term Temperature Resistance			49 °C (120 °F) <sup>2</sup>

<sup>1</sup> 12 in/min (300 mm/min)

<sup>2</sup> 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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