

3M™ Impact Stripping Tape 500

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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

Property	Values	Additional Information
Total Tape Thickness	36 mil	View 
Test Method: ASTM D3652		
Liner Thickness	3.2 mil	
Color	Tan Paper	
Total Tape Thickness	0.91 mm	View 
Test Method: ASTM D3652		
Backing	Green Rubber	
Adhesive Type	Transparent Acrylic	
Liner Thickness	0.081 mm	

Typical Performance Characteristics

Property	Values	Additional Information
180° Peel Adhesion	2.5 N/cm (23 oz/in)	View 
Test Method: ASTM D3330 Notes: 12 in/min (300 mm/min)		
180° Peel Adhesion	23 oz/in	View 
Test Method: ASTM D3330 Notes: 12 in/min (300 mm/min)		
Tensile Strength	160 oz/in	View 
Test Method: ASTM D3759		
Long Term Temperature Resistance	120 °F	View 
Test Condition: Long Term (day, weeks)		
Tensile Strength	17.5 N/cm	View 
Test Method: ASTM D3759		
Long Term Temperature Resistance	49 °C	View 
Test Condition: Long Term (day, weeks)		

Available Sizes

Property	Values	Additional Information
Standard Roll Length	9.1 m (10 yd)	
Standard Roll Length	10 yd	

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.

Trademarks

3M is a trademark of 3M Company.

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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Impact-Stripping-Tape-500/?N=5002385+3293241270&rt=rud
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=500

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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