

3M

Sandblast Stencil

507

Technical Data

May, 2007

Product Description 3M™ Sandblast Stencil 507, also known as butter cut, is a general purpose sandblast stencil used for hand-cut and die-cut applications.

Product Construction	Backing	Adhesive	Liner	Standard Roll Sizes*
	Green colored rubber	Rubber	Dark green polyethylene	12 ¹ / ₄ ", 18 ¹ / ₂ ", 24 ¹ / ₂ ", 30" x 10 yds. (9 m)

*Note: Contact your local 3M Sales Representative for non-standard size information.

Typical Physical Properties Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Total Thickness:	45 mils (1.4 mm)	D-3652
Adhesion to Granite:	20 oz./in. width (25 N/100 mm)	D-3330 (Granite)

- Features**
- Easy to cut and excellent blast resistance.
 - One piece removal.
 - Excellent carbon transfer.
 - Excellent adhesion to most polished stone.

- Application Techniques**
- It is recommended that this stencil **not be applied to cold stone** because of possible condensation forming on the surface when placed in warm areas and should be applied to a warm, clean and dry surface.
 - To minimize shrinkage and distortion, allow the stencil to relax after removing the liner and before applying to the stone. Rub down firmly to adhere stencil to the stone surface. Use 3M™ Sandblast Filler #2 to help increase adhesion and hold to the stencil to polished stone surfaces.

- Application Ideas**
- Can be used to help protect granite or marble during sandblasting operations:
 - a. Designed for single-process technique and straight blasting.
 - b. Used for two-process shape carving.
 - c. Die-cuttable using plastic letters and designs.
 - Can be used for gaskets, cushioning and other applications where heavy, uniform caliper is desired.
 - Use for hand-cut and die-cut applications.

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Storage Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf Life To obtain best performance, use this product within 12 months from date of manufacture.

Product Use 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 of application.

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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