

Scotch™ brand No. 509 Die-Cut Sandblast Stencil



Technical Data

SCOTCH BRAND NO. 509 DIE-CUT SANDBLAST STENCIL

DESCRIPTION: A light green rubber sandblast stencil with film laminate. It is designed and formulated to be used in the stencil press die cut process.

CONSTRUCTION:

Backing:	Light green colored rubber with film laminate
Adhesive:	Rubber
Liner:	Easy-release white film liner

TYPICAL PHYSICAL PROPERTIES: Not Recommended for Specification Purposes

		<u>ASTM METHOD</u>
Adhesion to Liner:	7 oz./in. width (8 N/100mm)	D-3330
Stencil Thickness:	48 mils (1.2 mm)	D-3652
Adhesion to Granite:	13 oz./in. width (14 N /100 mm)	D-3330 (Granite)

GENERAL INFORMATION:

1. 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. No. 509 Stencil should be applied to a warm, clean and dry surface.
2. When using Scotchcut™ die cutting letters and designs, make sure they are placed flat on the stencil before being pressed. The film laminate holds letters and centers in place after die cutting so the stencil can be put on the stone or wood surface in one piece without losing shape.
3. Rubdown firmly when applying to achieve maximum adhesion to the surface. Remove scrap areas, leave film laminate in place, and use normal blasting procedures.
4. A light coat of Scotch brand No. 2 Sandblast Filler can be used on **polished surfaces** if increased adhesion is desired.
5. Scotch brand No. 3 Sandblast Filler is **only used on axed or frosted surfaces** to help hold Scotch brand No. 509 Die Cut Stencil on those surfaces.
6. The shelf of No. 509 is twelve months. Recommended storage conditions are:60-80°F (18-26.6°C) at 30-50% R.H.
7. Available in several standard widths up to 30 in.(.762 m). Call St. Paul for non-standard size information.

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POSSIBLE USES:

No. 509 Die Cut Sandblast Stencil is designed for use on stencil press equipment and with Scotchkut™ Die Cut letters. It can be used for the proection of granite, marble and other stone surfaces during sandblasting.

MAJOR INDUSTRIES:

Monument Industry, wood industry

FEATURES

Light green rubber with film laminate

Easy release liner

Rubber adhesive

ADVANTAGES

Maximum blast resistance
Better carbon transfer

Supports centers of letters, numbers, and designs

Stretch and distortion are minimized

Easy cut by machine or hand

Less effort to remove after die cutting

Blasts away quickly

Cleans up easily

Adheres to polished atone

BENEFITS

Increases production output

Increases production output

Reduces alignment defects

Saves production cost

Reduces production cost

Saves on material cost

Reduces labor and material cost

Reduces labor and rework cost

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3M Industrial Tape Division

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