



Gerber Series 519YP and 1532 Sandblast Stencils manufactured by 3M

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DESCRIPTION

Series 519YP Sandblast has been developed as a replacement for Series 523 Sandblast. This double-liner material features a yellow translucent polyester inner liner that gives cut stencils a heightened level of visibility for greater picking productivity and blasting accuracy.

Series 1532 Sandblast is the one-liner offering of the identical material.

Double liners are ideal for supporting centers of letters as well as highly detailed cuts.

INTENDED APPLICATIONS

Series 519YP and 1532 are precision punched by Gerber for exceptional tracking on Gerber 15-inch sprocketed plotters. This material can also be hand cut, or cut on a friction or flatbed cutter.

This material protects granite, marble, concrete, wood, and stone surfaces during sandblasting.

PERFORMANCE LIFE (UNPRINTED)

Series 519YP and 1532 are not a printable material and is only intended for short-term applications during the sandblasting process.

SHELF LIFE AND STORAGE

Series 519YP and 1532 can be stored for one year after purchase. Film should be stored vertically using original packaging material and kept in a clean area free from excessive moisture and direct sunlight. Maintain storage temperature between 60°F and 80°F (16°C to 27°C) and 40% to 60% relative humidity.

CUTTING

Series 519YP and 1532 can be cut on any Gerber 15-inch sprocketed or friction plotter. Select Gerber 522 Sandblast Stencil Splice-Free manufactured by 3M for the proper cut settings. A 60° SuperSharp blade is recommended.

If Gerber 522 Sandblast Stencil settings are not available, a test cut should be performed with as little weight as possible and gradually increased until the sandblast layer is completely cut and the liner is lightly scored. Using too much weight or attempting to cut the film too fast will cause it to bind in your plotter.

SUBSTRATE PREPARATION

Be sure that the surface that you are applying Series 519YP or 1532 to is clean, dry and free of any solvents or petrochemicals. Stencil should be rubbed down firmly to achieve maximum adhesion.

Apply to a warm, clean and dry surface. If applied to a cold surface it is possible for condensation to form as the surface warms, which will affect the performance of the adhesive.

APPLICATION TECHNIQUES

1. Cut Series 519YP or 1532 then weed as a stencil.
2. Transfer the stencil onto the sign surface
3. Sandblast in accordance to sandblast manufacturer's recommendations.
4. Remove the sandblast when done. Yellow inner liner makes cleanup of liner residue simple.

PHYSICAL PROPERTIES

Thickness	47 mils
Film Color	Tan
Adhesive	Rubber-based
Liner – Inner (519YP only)	Yellow, translucent polyester – 1.5 mils
Liner -- Outer	Translucent polyester – 4.0 mils
Adhesion to Granite	36 oz/in (39 N/100 mm) ASTM test D-3330 (granite)

RELATED LITERATURE

Refer to Product Bulletins of relevant foils and materials for product-specific handling, production, and finishing information.

CONTACT INFORMATION

For help with questions concerning Gerber products, please call your distributor or Gerber Customer Service at 1-800-222-7446 or (860) 644-1551. Visit us on the Internet at www.gerberotechnology.com/signage to learn more about our many other foils, materials and equipment.

When sold by Gerber, use only the corresponding Gerber Product Bulletin to determine product details, including but not limited to appropriate uses, warranty and processing.

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