



# Gerber Series 519YP Sandblast Stencil

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## DESCRIPTION

Series 519YP Sandblast from Gerber 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.

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

## INTENDED APPLICATIONS

Series 519YP is precision punched by Gerber for exceptional tracking on Gerber 15” sprocketed plotters. This material can also be hand cut or cut on a friction or a flatbed cutter.

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

## PERFORMANCE LIFE (UNPRINTED)

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

## SHELF LIFE AND STORAGE

Series 519YP 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% RH.

## CUTTING

Series 519YP can be cut on any Gerber 15” sprocketed or friction plotter. Select 3M Scotchbrand 522 for the proper cut settings. A 60° SuperSharp blade is recommended.

If 3M Scotchbrand 522 is 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 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 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	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

For help with questions concerning Gerber products, please call your distributor or Gerber Customer Service at 1-800-222-7446. You can also find additional information on our web site at [www.gspinc.com](http://www.gspinc.com).

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