



Special Effects Overlamine manufactured by 3M

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DESCRIPTION

Carbon Fiber provides a carbon fiber appearance to the underlying film/graphic. Starry Night enhances the underlying film/graphic by adding an intense silver sparkle. These films can be used with graphics printed on GERBER EDGE®, GERBER EDGE 2®, and GERBER EDGE FX thermal transfer printing systems, in conjunction with GerberColor™ Foils.

INTENDED APPLICATIONS

Starry Night and Carbon Fiber are intended to be used for lamination over another film substrate in order to enhance the look of the graphics.

Factors that affect graphic performance life include:

- the combinations of graphics materials used
- selection, condition and preparation of the substrate
- surface texture
- application methods
- angle and direction of sun exposure
- environmental conditions
- cleaning or maintenance methods

SHELF LIFE AND STORAGE

Apply film within one year of receipt. Starry Night and Carbon Fiber should be stored in a clean area free from excessive moisture and sunlight. Storage temperature is 40° to 100°F (4° to 38°C).

MAINTENANCE

Clean the face of Starry Night and Carbon Fiber with a mild, non-abrasive soap with a soft cloth or sponge. The cleaner must have a pH value between 3.0 and 11.0. Avoid soaps containing grit, abrasives, strong solvents or alcohol.

APPLICATION TECHNIQUE

The following application procedure is recommended for applying Starry Night and Carbon Fiber to a printed graphic:

1. Print graphics on a compatible EDGE READY™ material.
2. Remove the printed materials from the printer.
3. Using a cold roll laminator (preferred), apply the Special Effects Overlaminates to the printed graphic. Use care to ensure that the punch holes of the printed material are not obstructed by the overlaminates.
4. Load the laminated graphic into the plotter and line up the cut registration mark using the "bomb sight".
5. Increase the plotter tool force setting before cutting the laminated graphic. The optimal cut will penetrate through the laminate and base film without cutting through the liner.
6. Weed and apply graphic as normal.

PHYSICAL PROPERTIES

Thickness	Starry Night: 2.0 mil, Carbon Fiber: 3.5 mil
Film Color	Clear
Adhesive	Permanent
Adhesive Color	Clear
Liner	Carbon Fiber: Kraft paper, Starry Night: Polyester
Dimensional Stability	.032 in (.81mm)
Application Temperature	60°F to 100°F (15°C to 32°C)
Operating Temperature	-65°F to 150°F (-54°C to 107°C)

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) 871-8082. Visit us on the Internet at www.gerberotechnology.com/sign-graphics 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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