



Gerber ImagePerfect™ Luster Overlamine (IP 28503)

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DESCRIPTION

Gerber Luster is a 2.0 mil, clear glossy PVC based overlamine film designed for a variety of applications using Gerber Eco + Inks and GERBER ELAN Solvent Inks. This cast overlamine film is produced by and is ideal for the protection of inkjet graphics. It is especially beneficial when printed graphics require UV protection and experience abrasion/handling. It also provides graphics with water and chemical resistance.

INTENDED APPLICATIONS

Gerber Luster is ideally suited as a protective overlamine for digital graphics printed on a wide range of materials using Gerber Eco + Inks and GERBER ELAN Solvent Inks. Gerber Luster is suitable for applications on compound curves, corrugations or over rivets when using appropriate base film.

This product is NOT recommended for horizontal applications, floor graphics, and underwater applications (pool/boat). Gerber Luster is not recommended in applications that require vandal resistance. Do not apply to materials that experience high plasticizer migration.

Consult individual base material product bulletins for more information on final surface selection.

NOTE: It is the user's obligation to determine whether this product is suitable for the particular use and specific method of application. Always test substrates before use. Actual performance will be affected by substrate selection, substrate preparation, maintenance of the markings, and exposure conditions. Continuous exposure in regions that experience maximum sunny days will result in decreased performance

STORAGE

Gerber Luster should be stored in a clean area free from excessive moisture. Maintain temperature at less than 86° F (30°C).

Use a paper interleaf between layers of stacked or rolled laminated materials. Do not stack laminated graphics face to face.

SUBSTRATE/GRAPHIC PREPARATION

Make sure your graphic is clean and that the ink is completely dry before applying Gerber EZ GUARD. Consult individual base material product bulletins for information on substrate preparation.

APPLICATION TECHNIQUES

Gerber Luster film overlamine is designed for cold roll lamination, but it can be roll applied at room temperature. Refer to the Owner's Guide for your laminator for instructions.

Note: We recommend that all corners be rounded slightly to make cutting and weeding easier.

CUTTING

Wait at least 15 minutes for overlamine to set to face film. (When run through a plotter, overlaminates may sometimes separate from the base film if the adhesive has not had a chance to set up.)

You will need to set your tool force higher than what you usually would for the base film. The ideal toll force will allow you to cut through both the Gerber Luster overlamine and the base (printed) film without cutting through the base film liner. The user should perform a test cut to determine the ideal tool force setting.

Note: Due to the thickness of the overlaminated decal, care should be taken when designing the cut lines of a decal intended for application to moderately curved (or convex shapes such as helmets) to accommodate the curvature of the substrate and to achieve a consistent and proper level of adhesion.

A graphic that has been laminated with Gerber Luster can be cut using any GRAPHIX ADVANTAGE® or OMEGA™ compatible friction plotter. Odyssey™ and P2C™ series plotters should be set to a cut speed of 50% or less depending on the severity of the cut line.

MAINTAINING LAMINATED GRAPHICS

Clean the surface of Gerber Luster laminated graphics with a wet, non-abrasive cleaner with a soft cloth or sponge. Avoid soaps containing grit or abrasives. Cleaner must not contain strong solvents or alcohol and should have a pH value between 3.0 and 11.0 (neither strongly acidic nor strongly alkaline).

CAUTION: Do not use cleaners which contain alcohol, strong solvents or abrasive elements to clean laminated graphics. Avoid cleaning vehicles with laminated graphics in automated car washes or using a power sprayer.

PHYSICAL PROPERTIES

Construction	PVC
Thickness	2.0 mil without adhesive 3-4 mil with adhesive
Film Color	Clear
Sheen	Gloss

Adhesive	Pressure sensitive
Adhesive Color	Clear
Liner	78# White Kraft Paper
Dimensional Stability	.015" (.4mm)
Shelf Life (unprocessed)	2 years from date of shipment to distributor
Operating Temperature	-65°F to +225°F (-54°C to +107°C)
Tensile Strength	5 lbs/inch at 73°F (0.9 kg/cm at 23°C)

CHEMICAL RESISTANCE

- ◆ Resists mild alkalis, mild acids and salt
- ◆ Resists petroleum vapors
- ◆ Excellent resistance to water

CONTACT INFORMATION

For help with questions concerning Gerber products, please call your distributor or Gerber Sales Support at 1-800-222-7446 or (860) 643-1515. Additional information on this and all Gerber materials may also be referenced at our web site www.gspinc.com.

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