

Gerber Static Cling

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DESCRIPTION

Gerber Static Cling is a 7.5-mil, highly plasticized, vinyl film designed to adhere to glass and other clean, smooth, non-porous surfaces. Static Cling has been designed for use with the GERBER EDGE®, GERBER EDGE 2®, and GERBER EDGE FX™ thermal transfer printing systems, in conjunction with GerberColor™ Foils.

Gerber Static Cling is available in clear and white.

INTENDED APPLICATIONS

Static Cling vinyl is ideally suited for producing attractive single and multi-color graphics for interior signs and displays. Static Cling can also be used as a substrate for easily-mounted and removable, temporary signs.

This vinyl is intended for temporary application to glass. It may also function adequately on smooth, non-porous plastics and metals. Static Cling is not intended for use on painted surfaces without prior test and approval by the user. The user should determine the suitability of all substrates prior to application.

Static Cling is intended for interior applications only. It is not intended for applications where petrochemical contact may occur.

APPLICATION TECHNIQUES

Applying the decorated surface of Static Cling directly to the substrate may result in partial transfer of the graphic. Print graphics in reverse mode if the opposing substrate surface is the preferred viewing mode (clear Static Cling only).

Clear Static Cling may develop a surface haze. The haze will dissipate after the graphic is applied.

The application surface must be clean, smooth, and as close to room temperature as possible. Small Static Cling graphics can be applied dry and without application tape. Use a roller or a squeegee with a non-friction sleeve to smooth Static Cling into place.

PRINTING

If your software material selection palette does not have Gerber Static Cling, use Gerber HP 220 lighter print settings.

GerberColor Spot (GCS), GerberColor Process Pro™ CMYK (GCP), and GerberColor Transparent (GCT) Series Foils can be used to print onto Gerber Static Cling. Blot away any excess pigment transfer of certain GerberColor Foils with application tape immediately after printing.

The bail arm squeegees on your EDGE® Series thermal transfer printing system may stick to the surface of Static Cling. Applying a strip of Gerber Hi-tack application tape on the squeegees should eliminate this occurrence.

Recommended working environment is as follows:

- Operating temperature: 50°F to 95°F / 10°C to 35°C
- Recommended temperature for assured printing accuracy: 68°F to 78°F / 20°C to 26°C
- Operating humidity: 20% to 90% relative humidity, non-condensing (maximum range; actual range varies by material used)

PROTECTING GRAPHICS

Gerber Technology offers products that are designed to protect vinyl and printed graphics.

Gerber Guard™ manufactured by 3M is a durable, dimensionally stable, glossy vinyl overlamine. This film has a petrochemical-resistant construction and is intended to be used when markings may be exposed to petrochemical spillage and/or severe handling conditions.

Gerber UVGuard™ is a custom-formulated, 1-mil, clear, TEDLAR® polyvinyl fluoride (PVF) laminating film designed to further expand the resistance to weathering of printed graphics for up to five years.

Gerber UVGuard™ 9 manufactured by 3M is a 2-mil, glossy, clear, mildew-resistant, polyvinyl fluoride laminating film with a petrochemical-resistant adhesive system. It is designed to further expand the resistance to weathering of printed graphics up to nine years. Gerber UVGuard 9 has the highest protection from UV fade.

Gerber StrikeGuard™ is an 8.0-mil, clear, glossy overlamine film designed for a variety of applications. This heavy-duty overlamine film is ideal for the protection of graphics, up to two years, and is especially beneficial where printed graphics experience severe handling and forceful impact. Gerber StrikeGuard is not recommended in applications that require petrochemical protection or where additional UV or vandal resistance is desired.

Abrasion Guard™ SPF (Sign Protection Formula) is a clear, top-coat GerberColor Finishing Series (GCF) Foil designed for use with EDGE® Series thermal transfer printing systems, to protect graphics from moderate contact and exposure to harmful effects of UV rays. It has an expected performance life of up to five years (when printed by itself). When applied as a protective overprint on other GerberColor Foils, Abrasion Guard SPF will extend the life of the base color by up to 30%.

Matte Clear is a clear matte finish, top coat GerberColor Foil designed for use with EDGE® Series thermal transfer printing systems, to reduce glare and protect graphics from moderate contact or handling. It has an expected performance life of up to three years.

CUTTING

Gerber Static Cling can be cut on any 15-inch EDGE-compatible sprocketed plotter. A 30° SuperSharp blade is recommended. Plotters can be set to full speed. A test cut should be performed by the user to determine the proper tool force setting.

SHELF LIFE AND STORAGE

Gerber Static Cling can be stored for six months after purchase. Film should be kept in a clean area free from excessive moisture and direct sunlight. Maintain temperature at less than 75°F (23°C) and ensure 75% relative humidity.

Use a paper interleaf between printed materials that are stacked or rolled. Do not store printed graphics face to face.

MAINTENANCE

To clean printed graphics, use a mild, non-abrasive soap with a soft cloth or sponge. Avoid using alcohol-based cleansers or soaps containing grit or abrasives

PHYSICAL PROPERTIES

Thickness	7.5 mils
Film Color	Clear, White
Adhesive	n/a
Adhesive Color	n/a
Minimum Application Temp	40°F (5°C)

RELATED LITERATURE

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

CONTACT INFORMATION

Graphic Marking Systems • 800-232-8018 • www.ShopGMS.com

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