



GerberColor™ Holographic (GCH) Series Foils

DESCRIPTION	1
INTENDEDAPPLICATIONS.....	1
PERFORMANCELIFE	2
SHELFLIFEAND STORAGE.....	2
PRINTING	2
PROTECTINGGRAPHICS.....	2
APPLICATIONTECHNIQUES.....	3
MAINTENANCE.....	3
PHYSICALPROPERTIES	3
RELATEDLITERATURE	4
CONTACTINFORMATION.....	4

DESCRIPTION

GerberColor™ Holographic (GCH) Series Foils are durable, dimensionally stable, pigmented foils designed for use with the GERBER EDGE®, GERBER EDGE 2®, and GERBER EDGE FX™ thermal transfer printing systems, in conjunction with EDGE READY™ materials.

Holographic Pattern	
GCH-200 Holographic Bismuth	GCH-201 Holographic Crash
GCH-202 Holographic Dots	GCH-203 Holographic Scale
GCH-204 Holographic Silver	GCH-205 Holographic Slick

INTENDED APPLICATIONS

GerberColor Holographic Series Foils will produce a dynamic, metallized, holographic finish for signs, labels, decals, etc., and are for interior use or short-term exterior (2-week) stationary, non- vehicle vertical sign applications.

GCH Foils are designed for first-surface or second-surface applications. GCH Foils are compatible with most EDGE READY materials.

GCH Foils are not intended for use where they may be exposed to petrochemical spillage. If petrochemical contact is anticipated, refer to the section below on protecting graphics. The user should determine the suitability of all substrates.

PERFORMANCE LIFE

When printed on EDGE READY materials and applied vertically on stationery, non-vehicle sign applications, GerberColor Holographic Series Foils will have an expected exterior performance life of up to 2 weeks. Interior life is limited by exposure to UV light, as in the case of graphics applied near windows or storefronts, and improper care and maintenance of graphics.

Performance statements are based upon field experience and exposure tests using solid fill prints that we believe are reliable. Substrate selection, exposure angle, environmental conditions and maintenance of markings will affect actual performance. Continuous exposure in regions that experience maximum sunny days will result in decreased performance. This product is not recommended for horizontal exposure applications.

SHELF LIFE AND STORAGE

Printed graphics should be applied within one year. GerberColor Foils, film and printed graphics (with or without premask) should be kept in a clean area free from excessive moisture and direct sunlight. Store foils at 40°F to 90°F (4°C to 32°C) and 40% to 60% humidity. When not in use, cartridges should be kept in their package sleeves. Use a paper interleaf between printed materials that are stacked or rolled. Do not store printed graphics face to face.

PRINTING

GerberColor Medal (GCH) Series Foils are compatible as an overprint (top layer only) foil with the following GerberColor Series: GerberColor Spot (GCS), GerberColor Process Pro™ CMYK (GCP), and GerberColor. When overprinting, on top of GCH foils, best results were achieved using EDGE 1 printing mode.

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)

APPLICATION TECHNIQUES

When transferring graphics produced with EDGE Series Printers, Gerber standard tack application tape is required. Printed graphics should be allowed to cure for 15 minutes before application of transfer tape.

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. Automated vehicle washing systems that use rotary cleaning brushes should also be avoided.

PHYSICAL PROPERTIES

Foil	
Pigment	Vapor – coated aluminum
Coat Weight	4.0 microns
Liner Thickness	5.7 microns
Foil Length - <i>minimum</i>	27.34 yards (25 meters)

Cartridge	
Cores	Black Polyethylene
End Shell	Black ABS Plastic
End Plugs	Black ABS Plastic
Side Rails	Black ABS Plastic
Cartridge Weight	1 lb 6 oz

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.gerbertechnology.com/signage to learn more about our many other foils, materials and equipment.

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