



# GerberColor™ Medal (GCM) Series Foils

DESCRIPTION .....	1
INTENDED APPLICATIONS .....	1
APPLICATION TECHNIQUES .....	2
PERFORMANCE LIFE .....	2
PRINTING .....	2
PROTECTING GRAPHICS .....	2
SHELF LIFE AND STORAGE .....	2
MAINTENANCE .....	2
PHYSICAL PROPERTIES .....	3
RELATED LITERATURE .....	3

## DESCRIPTION

GerberColor Medal (GCM) Series Foils are durable, dimensionally stable foils designed for use with Gerber Digital Color Printing Systems and EDGE READY™ materials.

Colors	
GCM-720 Silver Medal	GCM-747 Blue Medal
GCM-731 Gold Medal	GCM-730 Platinum Medal
GCM-783 Red Medal	

## INTENDED APPLICATIONS

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

GCM foils are designed for first-surface, solid (100% fill) print applications only. The foil is not reversible. GCM Foils are compatible with most EDGE READY materials except for Heat Transfer Paper, Gerber Static Cling, all LexEdge™ materials as well as GerberVision™ and Gerber InstaChange™.

GCM 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.

## **APPLICATION TECHNIQUES**

When transferring graphics produced with Gerber Digital Color Printing Systems, Gerber standard tack application tape is required. Printed graphics should be allowed to cure for 15 minutes before application of transfer tape.

## **PERFORMANCE LIFE**

When printed on EDGE READY materials and applied vertically on stationary, non-vehicle sign applications, GerberColor Medal Series foils will have an exterior performance life of 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.

## **PRINTING**

GerberColor Medal (GCM) Series Foils are compatible as an overprint (top layer only) foil with the following GerberColor Series: GerberColor Spot (GCS), GerberColor Process (GCP) SUPER CMYK, and GerberColor Transparent (GCT). GCM foils should not be used as an underlayer in an overprint construction. Minimum environment temperature for printing is 40° F (4° C).

There may be some excess transfer of the foil during printing due to the high pigment load of GCM Series foils. The excess can be removed with application tape.

## **PROTECTING GRAPHICS**

Gerber Guard™ 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™ G5 is a 1-mil, high-gloss, clear polyester film that is graffiti resistant and provides 5-year protection from the sun.

Gerber UVGuard™ 9 is a glossy 1-mil, clear, polyvinylfluoride laminating film that provides 9-year protection from the sun.

## **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. Foils must be stored below 100° F (38° C) and within 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.

## **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	Dye vapor-coated aluminum
Coat Weight	4.0 microns
Liner Thickness	12 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

GerberColor Spot (GCS) Series, GerberColor Process (GCP) SUPER CMYK Series, GerberColor Transparent (GCT) Series, and Gerber Guard, Gerber UVGuard G5 and 9, Gerber HP Series 220, Gerber HP Series 225, Gerber Stardust Product Bulletins.

For help with questions concerning Gerber products, please call your distributor or Gerber Customer Service at 1-800-222-7446 or (860) 644-1515.

GerberColor, EDGE READY, Gerber Stardust, GerberVision, Gerber InstaChange, Gerber UVGuard G5 and 9, and Gerber Guard are Trademarks of Gerber Scientific Products, Inc.

©2012 Gerber Scientific, Inc. All Right Reserved

Category: GerberColor Foils    FastFact #: 5561    Supplied by: Aftermarkets    Last Modified: 3/28/12