

PRODUCT B



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 applications. Due to the extra thickness of the Jet Black pigment, contact with abrasive surfaces or high-tack tapes, such as cellophane tapes, may split or lift the top portion of the printed image.

Shelf life of GerberColor Foils is one year. GerberColor Foils, film, and printed graphics (with or without pre-mask) 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.

Halftone blends and fades are not recommended applications for Jet Black Foil. Lot to lot variations can produce slight visual differences in color output.

Jet black is compatible with all EDGE READY materials.

Jet Black is compatible as the overlayer in overprint combinations with the following GerberColor Series Foils: GerberColor Spot (GCS), GerberColor Process P[CMYK (GCP), and GerberColor Transparent (GCT).

Jet black is not recommended for creating GerberColor S matches.

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)

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.

UVG 1 formulated, 1-mil, clear, TEDLAR polyvinyl fluoride (PVF) laminating film designed to further expand the resistance to weathering of printed graphics up to five years.

UVG 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 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 three years.

Gerber standard tack application tape is required for all graphics produced with EDGE Series printers. Printed graphics should be allowed to cure for 15 minutes prior to the application of transfer tape.

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.

Foils	
Pigment	Resin Based
Coating Thickness	6.3 to 7.3 microns
Liner Thickness	5.7 microns
Foil Length - <i>minimum</i>	45 meters (49.21 yards)

Cartridge
Cores



Chemical Agent	Exposure Time	Result
10% Hydrochloric acid	10 minutes	No effect
10% Ammonium Hydroxide	10 minutes	No effect
Mineral Spirits	10 minutes	No effect
Dish Detergent/Water	24 hours	No effect

Refer to Product Bulletins of relevant foils and materials for product-specific handling, production, and finishing 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.gspinc.com to learn more about our many other foils, materials and equipment.

