

TITLE: Gerber Heat Transfer Vinyl (6901) Product Bulletin

Category: ImagePerfect Materials/EDGE Ready Materials – Product Bulletins

Gerber FastFact #:

Supplied by: Aftermarkets / CD

Last Modified: 3/15/05

Summary: Product Bulletin for Heat Transfer Vinyl (6901)

Underlined text indicates change from the previous document.

DESCRIPTION

Gerber ImagePerfect Heat Transfer Vinyl is an opaque white heat transfer material. This material is printable on Gerber EDGE® or EDGE 2 and EDGE FX using EDGE 1 print mode.

INTENDED APPLICATIONS

The combination of Gerber Heat Transfer Vinyl and GerberColor™ Foils will produce wash-fast images when applied and maintained correctly. The images can be transferred to 100% cotton, cotton/polyester blends, and 100% polyester. Transfer to open-mesh fabrics, nylon-treated fabric with silicon water repellent, or waterproof canvas fabrics is not recommended.

The user should determine the suitability of all fabrics before final transfer.

PRINTING

EDGE 1 print mode is recommended for use with Gerber Heat Transfer Vinyl. This material can be printed with GerberColor™ Spot (GCS), Process (GCP), Transparent (GCT), Medal* (GCM), and Ger Fluorescent* (GCF) series foils to create vibrant, colorfast graphics on any light or dark colored textiles. Unlike printing on Gerber Heat Transfer Paper, GerberColor LT series (GCLT) foils are not suitable for printing on Heat Transfer Vinyl. Graphics should not be reverse printed. Printed graphics can be easily cut weeded and applied to any light or dark colored fabric using a standard heat press.

** These foils print well on Heat Transfer Vinyl but can experience some minor print lifting when transfer tape is removed.*

STORAGE

Film and printed graphics should be kept in a clean area free from excessive moisture, temperature and direct sunlight. Maintain temperatures at 75°F (24°C) and relative humidity at 65% or less.

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

CUTTING

Printed graphics should not be cut until 6 hours after printing to allow the print to fully cure.

Gerber Heat Transfer Vinyl can be cut on any 15" OMEGA or GA compatible plotter. A 45° blade should be used and plotters can be set to full speed. The ideal cut will penetrate through the clear top layer, but not through the liner. The user should perform a test cut to determine tool force setting.

Small cut letters and shapes less than 1 inch are not recommended.

Gerber Standard Tack application tape should be applied immediately after graphic is cut and weeded. This will help prevent any premature curling that may result after cutting.

APPLICATION PROCESS

A heat press is required for application of Gerber Heat Transfer Vinyl prints. Be certain to follow all manufacturers' safety guidelines when using a heat press.

1. Preheat the press to 338° F – 356° F (170° C – 180° C) and set the pressure to medium.
2. The fabric should be dry and free from wrinkles. If the fabric is not dry the graphic will not transfer properly. Do not stretch the fabric; this could cause puckering around the graphic.
3. Preheat the fabric on the heat press for 20 seconds.
4. Align the graphic on the garment.
5. Close the heat press and set the timer for 20-25 seconds.
6. Remove the fabric from the heat press.
7. Lay the fabric on a smooth surface and allow it to cool.
8. Once completely cooled, remove the application tape slowly.

If you do not achieve a proper transfer using these instructions, verify the operating temperature of your heat press by using Gerber's heat activated strips (GSP p/n P57593A):

1. Preheat the press to between 338°F and 356°F (170°C and 180°C) and set the pressure to medium.
2. Place one heat strip face down on top of a scrap of fabric
3. Close the heat press and set the timer for 20 seconds.
4. Remove the heat strip. If the heat strip temperature indicator has turned black, your press is operating properly in the range of 340°F to 360°F (171°C to 182°C).
5. If the heat strip temperature indicator has not turned black, repeat the procedure with a new heat strip. Increase the press time by 5 seconds until the heat strip is activated. (If heat strip activation is not achieved within 45 seconds, your heat press may not be functioning properly.)

MAINTENANCE

Finished garments can be machine washed in warm or cool water. Turn garment inside out before washing and drying. Dry using low heat or cool dry settings only. Do not use bleach or detergents that contain bleach and do not wring dry.

PERFORMANCE LIFE

When printed on Gerber Heat Transfer Vinyl and maintained in accordance with Gerber recommended procedures, graphics will fade no more than 5% after 10 washings. Colors will continue to fade at a more gradual rate with additional washings.

Contact Information

For help with questions concerning Gerber products, please call your distributor or Sales Support at 1-800-222-7446 or (860) 643-1515. Or visit us on the web at www.gspinc.com

Gerber EDGE and GerberColor are registered trademarks of Gerber Scientific Products, Inc.

