

# Gerber High Performance Series 230 Translucent

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## DESCRIPTION

Gerber High Performance Series 230 is a high performance translucent film made exclusively for Gerber. Series 230 is a durable, dimensionally stable film with a clear, pressure-sensitive adhesive designed to withstand a variety of severe weather and handling conditions. It is available in a variety of colors and is an EDGE READY™ material in 15-inch punched format. Series 230 comes on a synthetic liner.

## PRODUCT CHARACTERISTICS

Property	Description
Thickness (film and adhesive)	2 mils
Film color	See color chart
Adhesive	C

## INTENDED APPLICATIONS

Series 230 is intended for making permanent, durable printed graphics using the GERBER EDGE®, GERBER EDGE 2®, and GERBER EDGE FX thermal transfer printing systems, in conjunction with GerberColor™ Foils. It is well suited for flat, internally illuminated sign faces and for first surface applications to 3M™ Panaflex 945™ substrate.

## PERFORMANCE LIFE – (UNPRINTED)

The exterior performance life of Gerber Series 230 is based upon field experience and exposure tests conducted throughout the United States. When the graphics are processed and used according to Gerber recommendations, they should have an expected performance life up to the values shown in the charts below. The actual performance depends on the following conditions:

- Selection and preparation of substrate
- Application methods
- Exposure conditions
- Cleaning methods

Application Specifics			Performance Life (years): Unprinted	
			U.S. <sup>1</sup>	S.W. <sup>2</sup>
*Vertical Exposure Series 230	Signs Only	Unprinted, applied to first surface	6	5

\*Face of graphic is vertical 90° ± 10°.

1. For exterior performance life statements outside of the United States, contact Gerber Technology.
2. The United States Desert Southwest area includes Arizona, New Mexico, and the desert areas of California, Nevada, Utah, and Texas.

## SHELF LIFE AND STORAGE

Apply film within one year of receipt. Printed graphics should also be applied within one year. Film and printed graphics (with or without premask) should be kept in a clean area free from excessive moisture and direct sunlight. Maintain temperature at less than 100°F (38°C).

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

## PRINTING

Use Gerber Series 230 settings when printing with EDGE® Series thermal transfer printing systems. Gerber standard tack application tape is required to be used as the transfer carrier for all printed graphics.

Series 230 is compatible with GerberColor™ Process Pro™ (GCP), Spot (GCS), Transparent (GCT), Medal (GCM), and Finishing (GCF) Series Foils.

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

If applying to glass, wipe the surface with a 2 to

EDGE, GERBER EDGE, GERBER EDGE 2, Gerber Scientific Products, GerberCal, GerberGraphics, GRAPHIX ADVANTAGE, GSP, and Images on Vinyl are Registered Trademarks of Gerber Technology.

Abrasion Guard, ColorSet, Comply, Controltac, EDGE Positive, EDGE READY, FloorMinders, Icr,9st793(l)-17.167(o)15. Tw 19.567 0 Td( )Tj0 Too01g-19(ve)-3.167(,)J0.002 Tc 0.978.29 19.567 0 Td