



Gerber PlastiGraphix™ PVC-10 Shelf and Tag

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DESCRIPTION

PVC-10 SHELF AND TAG is a white, 10-mil, semi-rigid PVC material. It has been custom formulated for use with Gerber Digital Printing Systems that use EDGE READY™ Materials and GerberColor™ Foils. PVC-10 SHELF AND TAG can also be decorated with cut-vinyl graphics.

INTENDED APPLICATIONS

The semi-rigid construction of PVC-10 SHELF AND TAG makes it ideally suited for a number of non-pressure-sensitive applications including signs, menu boards, point-of-purchase displays, permits, identification tags, and door hangers.

APPLICATION TECHNIQUES

If desired, PVC-10 SHELF AND TAG can be mounted with spray or laminating adhesives, double-sided tape, or hook and loop fasteners. Since PVC-10 SHELF AND TAG can be score cut, the material can also be hung on hooks, doorknobs, etc. PVC-10 SHELF AND TAG will also fit into many common sign and display systems. The user should determine the suitability of all such systems.

Smaller cut graphics (less than 1 square foot) made with PVC-10 SHELF AND TAG may exhibit a slight curl after printing. To eliminate the curl, place the graphic (protected with a slip sheet) underneath a heavy object or roll the graphic backwards.

PVC-10 SHELF AND TAG can be paneled with butted or overlapped seams using double-sided tape to join the panels.

PERFORMANCE LIFE (UNPRINTED)

PVC-10 SHELF AND TAG will have a performance life of one year when applied vertically. Temperatures of 90°F or greater may soften the material and in some cases cause curling in the finished application. Users should determine the suitability of this material for its intended environment.

PRINTING

GerberColor™ Spot (GCS) Series, GerberColor Process Pro (GCP) Series, GerberColor Transparent (GCT) Series, GerberColor Medal (GCM) Series, GerberColor Special Effects (GCX) Series and ColorSet™ Process (CSP) and Spot (CSS) can be used to print onto PVC-10 SHELF AND TAG.

Static electricity may build up on the surface of PVC-10 SHELF AND TAG and attract dust and fine particles. If this occurs, PVC-10 SHELF AND TAG can be cleaned with distilled water and a lint-free cloth. Allow the material to completely dry before printing.

CUTTING

PVC-10 SHELF AND TAG can be score cut on any 15" GRAPHIX ADVANTAGE® or OMEGA™ compatible plotter. A 45° tangential blade should be used. A 45° swivel blade can be substituted for simple shapes. Plotters should be slowed to 60%. Optimal weeding results will be achieved if shapes with sharp corners are assigned a radius of at least 1/10" [2.54mm] (use the "Fillet Corner" feature). Small shapes may be difficult to weed; the user should determine sizes appropriate to the design of the graphic.

The ideal score cut will penetrate halfway through the material. To remove your finished pieces, find a straight cut line and fold the material backwards. Pinch the cut line with your fingers and the material will separate. Slowly remove the finished piece one edge at a time. The user should perform a test cut to determine if the tool force setting needs to be adjusted for their application.

PROTECTING GRAPHICS

Gerber Scientific Products, Inc. offers two products that are designed to protect vinyl and printed 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.

Abrasion Guard™ is a clear, top-coat GerberColor Foil designed to protect graphics from moderate contact or handling.

SHELF LIFE AND STORAGE

PVC-10 SHELF AND TAG should be used within one year of receipt. PVC-10 SHELF AND TAG (printed or unprinted) should be kept in a clean area free from excessive moisture and direct sunlight. Maintain temperature at 70°F (21°C) and relative humidity at 50%.

Use a paper interleaf between printed materials that are rolled or stacked. 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.

PHYSICAL PROPERTIES

Thickness	10 mil
Film Color	Gloss White
Adhesive	n/a
Liner	n/a
Dimensional Stability	Excellent
Tensile Strength (psi)	5753 (MD) 5551 (TD)
Elongation (%)	10 (MD) 11 (TD)

RELATED LITERATURE

GerberColor Spot (GCS) Series, GerberColor Process Pro (GCP) Series, GerberColor Medal (GCM) Series, GerberColor Transparent (GCT) Series, GerberColor Special Effects (GCX) Series, ColorSet™ Process (CSP) and Spot (CSS), and Gerber Guard and Abrasion Guard (GerberColor Finishing GCF) Product Bulletins.

For help with questions concerning Gerber products, please call your distributor or Gerber Customer Service at 1-800-222-7446 or (860)643-1515.

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