



Gerber Non-Transfer Void Security Label Stock

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DESCRIPTION

Gerber Non-Transfer Void Security Label Stock is a matte blue, non-transfer, tamper-evident material designed to provide a message of “VOID OPEN” in the face material when it is removed. Removal permanently destroys the face material thereby providing obvious evidence of alteration. Gerber Non-Transfer Void Security Label Stock adhesive leaves no residue when removed within 90 days on many application surfaces, eliminating the time and effort to remove the adhesive left by other types of security labels. The compact "VOID OPEN" message permits manufacture of labels as small as 10mm x 30mm.

Gerber Non-Transfer Void Security Label Stock is an EDGE READY™ Material.

INTENDED APPLICATIONS

The primary function of Gerber Non-Transfer Void Security Label Stock is to provide a non-transferable (non-reusable) label seal by causing the “VOID OPEN” message to appear on the face stock when removal from the substrate is attempted.

Since no tamper indicating feature is 100% tamper proof, careful consideration must be used when designing label seals. When the consequences of tampering could be severe, such as injury or loss of human life or significant monetary loss, these products are not recommended as the sole means of package or product tamper indication. In these instances, additional methods in combination with the label should be considered so that the tamper-indicating features are commensurate with the requirements of the application.

Gerber Non-Transfer Void Security Label Stock may not be suitable for low surface energy substrates and should always be tested by the user for suitability for specific applications.

Recommended Surfaces:

- Bare metal (may leave a residue after 1 week)
- Glass (may leave a residue after 1 day)
- PVC (may leave a residue after 1 day)
- Painted metal
- Painted & varnished wood¹
- Most smooth plastic²
- Most non-porous surfaces

Typical Applications:

- Windows
- Doors
- Ballot Boxes
- Files and Cabinets
- Aircraft: Metal Hatches and Doors
- Access Panel for Calibration Settings
- Retail Gasoline Dispenser Hatch and Door

¹ If a varnished/painted surface is not fully bonded, the finish may be removed when the label is removed. Test in an inconspicuous area.

² Not recommended for textured plastic surfaces.

APPLICATION TECHNIQUES

It is recommended that the user test for the presence of the “VOID OPEN” message on every roll of label seals as they process them, to insure the product quality and consistency. This can be done by laminating a label seal to an untreated polyester film test surface. The label seal should be wiped down with a squeegee, allowed to dwell 10 minutes, and then removed to observe the face stock and the substrate. While this test can be run after 10 minutes dwell, final judgement should be based on 72 hours dwell at room temperature prior to testing. It is also recommended that the user test each lot of label seals on the actual application surface to assure the function of the “VOID OPEN” message.

As care should be taken not to disturb the tamper indicating feature by pre-destructing the “VOID OPEN” message when manually removing the label from the liner, slowly remove the liner from the label at a 90° angle.

SUBSTRATE PREPARATION

Before applying your graphic, wash the surface of your substrate with warm water and detergent. Do not use soaps or other cleaners with lotions or creams as they will leave a residue. Thoroughly rinse the surface and allow it to completely dry.

Saturate a clean paper towel with a solvent-based cleaner and wipe the substrate surface. Be certain to follow all manufacturer safety guidelines when using any solvent. Dry the surface with a lint-free paper towel before the solvent evaporates.

PERFORMANCE LIFE (UNPRINTED)

Gerber Non-Transfer Void Security Label Stock is suitable for both indoor and outdoor applications. The expected life for outdoor applications is one year minimum, without residue when removed within 90 days on many application surfaces. In the event there is adhesive residue, it can be cleaned with a citrus-based household cleaner or isopropyl alcohol.

PRINTING

Use Gerber HP Series 220 settings at 300 x 300 dpi when printing with the GERBER EDGE®, GERBER EDGE 2, or GERBER EDGE FX™ thermal transfer printing systems.

GerberColor Spot Black (GCS-12), White (GCS-10), and Gray (GCS-31), have been tested and approved for printing onto Gerber Non-Transfer Void Security Label Stock.

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)

CUTTING

A 30° SuperSharp blade is recommended for tangential plotters. A 45° blade should be used with swivel knife plotters. Plotters can be set to full speed. The user should perform a test cut to determine the ideal tool force setting. Occasional interruption of the VOID OPEN text may occur at the cut line and is considered normal.

SHELF LIFE AND STORAGE

Use within one year of date of purchase. Store in original packaging under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effect of humidity, package cut and printed material in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

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 – Film	40±4 microns (.002 inch)
Thickness - Adhesive	33±4 microns (.001 inch)
Film Color / Type	Matte Blue PET
Adhesive Color / Type	Transparent Acrylic
Liner Color / Type	White Glassine Paper
Removability	Gerber Non-Transfer Void is removable within 90 days with no residue on recommended application surfaces, and is intended to exhibit a noticeable OPEN VOID message upon removal.

GENERAL SPECIFICATIONS

Non-Residue Feature	This feature is most effective when the service temperature is between 0F and 120F. For temperatures outside of this range, the non-residue feature may be impaired and revert to conventional security label that leaves adhesive residue.
Minimum Application Temperature	+10F.
Service Temperature	-40F to +200F, however, at service temperatures below 0F or above 120F, the non-residue feature may be disrupted; the film will still show tamper evidence when removed, but it may leave an adhesive residue on the surface.

RELATED LITERATURE

Refer to Product Bulletins of relevant foils for product-specific handling, production, and finishing information.

CONTACT INFORMATION

For help with questions concerning Gerber products, please call your distributor or Gerber Customer Service at 1-800-222-7446 or (860) 871-8082. Visit us on the Internet at <http://www.gerbertechnology.com/signage> to learn more about our many other foils, materials and equipment.

When sold by Gerber, use only the corresponding Gerber Product Bulletin to determine product details, including but not limited to appropriate uses, warranty and processing.

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