

# Void Labels: Types, Usage, and Applications

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## What is Warranty Void Sticker?

Void labels form a part of the security stickers for the prevention of external packaging or product tampering. When the tag is detached, the adhesive reveals text in which the word "Void" appears repeatedly. This type of sticker comes from the word "Void," but other messages such as "Opened" can occur, and the message can even be customized.

## How Do Tamper Proof Stickers Work?

The VOID label is a kind of security label; these labels are designed to indicate that a tag has been tampered with by displaying a void message on the substrate (total transfer), on the back of the label (non-transfer), or on both (partial transfer) when the tag is removed. This effect is created through special coatings and laminations depending on the required outcome, which separates or delaminates from the face material as the label is peeled off. These labels are usually made with a polyester face material and an "extra layer," either a second layer of polyester or a thin coating (usually colored or metallic). The adhesive and a release coating cause the delimitation or separation of this extra layer.

In a total transfer, the extra layer has a release coating applied to the side laminated to the face material; when the label is removed, the extra layer remains attached to the substrate and is usually printed with a void message to indicate tampering has occurred.

In a non-transfer, the label can be removed from the substrate, but the back of the face material or the extra layer is printed with a void message to indicate tampering has occurred.

The most common type of void label is the partial transfer; these are made by applying either a patterned release coating between the face material and the extra layer or a pattern release adhesive. In both cases, part of the additional layer sticks to the face material, and part attaches to the bond, which causes a void message to appear on both the substrate and the back of the label.

While most void labels use a void message that says "Void," this message can be personalized to suit a specific application (for example, to display the name or logo of the company that owns or manufactures the product).

# Types of Void Security Labels

There are a variety of types of Void labels within the range of security stickers, depending on the material from which they are made and, also, on the amount of residue they leave on the product when they are removed.

## 1. Non-residue Void labels



The Void label has a hidden message revealed in the plastic film when the label is removed. Its features include:

- It is a security sticker that leaves no residue on the surface where it is applied, but the tampering can be seen in the front face of the label.
- They are manufactured from Mylar polyester and have a high strength adhesive. Both features ensure enormous strength. Not in vain, they resist temperatures of between 0 and 80°C.
- Their use is recommended on non-porous surfaces.
- You can write on the surface, and they can be customized in shape and size, and any logo or message can be added.

Possible applications for non-residue Void labels are as follows:

- Air, sea, and land transport: aircraft doors and windows, containers and air cargo, catering trolleys and storage, vehicle doors, security areas, and wooden or plastic pallets.
- Industry: alarms and security equipment, ballot boxes, emergency equipment, entry/exit doors, panels, extinguishers, first aid kits, computer equipment.
- Surveillance: communications points and access valve and pump controls, meters.

- Financial sector: coin boxes and ATMs.
- Retail: returns management, packaging protection.



## 2.Void labels with partial residue

- The partial residue void label is a type of security sticker that leaves a partial residue on the surface applied, showing the message that provides evidence of tampering.
- Application is recommended on non-porous surfaces.
- They are made from the same material as the previous model – Mylar polyester –, and they have high strength adhesive.

Possible applications for Void labels that leave a partial residue are as follows:

- Air, sea, and land transport: containers and air cargo, catering trolleys and storage, security areas, and wooden or plastic pallets.
- Industry: panels.
- Surveillance: security envelopes and bags.
- Retail: returns management, packaging protection.

## 3.Void labels that leave a full residue



- The void label with full residue is designed to be applied to porous surfaces, such as cardboard, paper, or fibreboard.
- When the sticker is removed, these labels leave a hidden message stuck to the surface, identifying tampering of the package or product.
- They are made from translucent polypropylene and also have a high strength adhesive.
- The big difference between the partial residue void label and the full residue void label is the left corner. In the latter type, the rest of the identification is present in the plastic film under the layer of the label, so they cannot be modified.

Possible applications for full residue void labels are as follows:

- Surveillance: security envelopes and bags.
- Financial sector: boxes in general, envelopes, and confidential mail.



Using Void labels lets you protect products against tampering and combat fraud and counterfeiting, and they are difficult to replicate and, finally, they are a way of identifying goods to be able to control traceability.