

SECURITY PACKING TAPE

ST56026T

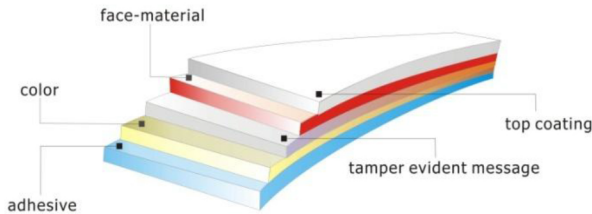
PRODUCT

DESCRIPTION

ST56026T is a 25 microns red total transfer security packing tape designed to provide a message “VOID OPEN” reveals on lift tape and transferred onto the applied surface at when removal is attempted.

PRODUCT

CONSTRUCTION



TYPICAL

PHYSICAL

PROPERTIES

Structure	Name	Weight (g/m ²)	Thickness (microns)	Color
Face-Stock	PET film	36 ± 4	25 ± 3	Red, Blue
Hidden Message	“VOID OPEN ”	/	1 ± 0.5	Transparent
Adhesive	Acrylic	17 ± 3	15 ± 2	Transparent

Initial Force	≥ Ball 3#	GB/T 4852-2002
Keep Force	≥ 12h/25.4mm	GB/T 3280-1992
Adhesion-Steel	≥ 500gf/25.4mm	FTM1/180° removal
Release Force	< 12 gf/25.4mm	FTM3/180° removal
Application Temperature	10°C to 40°C	
Service Temperature	-15°C to 115°C	
Conformability	Semi-rigid-Label is suitable for flat or slightly curved surfaces.	

APPLICATION

IDEAS

Tamper indicating labels and seals to secure packaging applications.

DIE CUTTING

N/A

DISPENSING

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. It is recommended that the user test samples for each roll of label seals by laminating a representative label seal to the specific application surface to assure its function meets expectations. This test can be run after 10 minutes dwell; however, final judgement should be based on 72 hours dwell at room temperature prior to testing.

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APPLICATION

A sufficient bond between label and substrate may not develop on all surfaces due to low surface energy (e.g.PTFE), contaminated or textured surfaces. Therefore, it is important to determine the suitability of the product in the intended application by carefully pretesting. The primary function of the product is to effect a full-transferable label seal by causing the “VOID OPEN” message to be transferred on the application surface when removal from the substrate is attempted.

Our tamper-indicating product line is designed to indicate tampering by destructing when an attempt is made to remove the label. Since no tamper-indicating feature is 100% tamper proof, careful consideration must be taken 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.

Application temperature, pressure, and dwell time are all important variables to produce adequate adhesion and assure the label fractures when removal or tampering is attempted. For best results, the label should be applied when all materials are over 10° C. Higher initial bonds can be achieved through increased application pressure (firm hand or squeegee pressure should be sufficient). The bond will increase in time, depending on the substrate. Metals and high surface energy materials will develop bonds faster than low surface energy materials. For best results, wait 24 hours (at room temperature) before subjecting to harsh environments.

STORAGE

Store under normal conditions of 70° F (21°) and 50% relative humidity. To minimize the effect of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

SHELF LIFE

To obtain best performance, use this product within one year from the date of manufacture, in original packaging.

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PRODUCT USE

All statements, technical information and recommendations contained in this document are based upon tests or experience that STI believes are reliable. However, many factors beyond ST's control can affect the use and performance of a ST product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the ST products to determine whether it is fit for a particular purpose and suitable for the user's method of application.

**WARRANTY
AND
LIMITED REMEDY**

Unless stated otherwise in ST's product literature, packaging inserts or product packaging for individual product, ST warrants that each ST product meets the applicable specification at the time ST ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. ST makes no other warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or any implied warranty arising out of a course of dealing, custom or usage of trade. User is responsible for determining whether the ST product is fit for a particular purpose and suitable for application. If the ST product is defective within the warranty period, your exclusive remedy and ST's and sell's sole obligation will be, at ST's option, to replace the product or refund the purchase price.

**LIMITATION
OF
LIABILITY**

Except where prohibited by law, ST and seller will not be liable for any loss or damage arising from the ST product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.