



THE PREMIER BRAND OF TAMPER EVIDENT SECURITY PRODUCTS

DUAL LAYER

Dual Layer Label Lock™
Product Data Sheet: 27.07.2020

Description

A tamper indicating self adhesive label designed to visually deform when removal is attempted and leave a permanent dry peel residue on the application surface on removal.

Possible Applications: (not for specification purposes)

Dual Layer Label Lock™ is designed to be used on most clean and dry surfaces. It is:

- **suitable** for use on a very wide range of surfaces such as plastic packaging, cardboard boxes, envelopes, CD/DVD cases, cases and other items needing to be sealed.
- **not suitable** for application to valuable surfaces where the label needs to be fully removed after use. This product is designed to leave a residue that is hard to remove and damage may occur to the application surface if the residue is completely removed.

Physical Components:

- Liner: super calendered siliconised glassine paper
- Substrate: Polypropylene
- Adhesive: A high tack permanent pressure sensitive polymer based adhesive
- Printed Inks: A mixture of various ink chemistries and other components.

Instructions for use:

- 1) Ensure the surface to be sealed is clean, dry and free of any oil. Clean if necessary with a cloth or an Isopropyl alcohol wipe
- 2) Peel the Label Lock™ carefully from its protective liner (a)
- 3) Apply to the surface to be sealed using firm finger pressure (b)(c). Do not try to remove and reapply once the Label Lock™ has contacted the surface. Allow adhesive to dwell for 10 minutes before testing.

Special Notes:

- (a) This product is not suitable for surface printing using a thermal transfer printer.
- (b) Sufficient pressure and dwell time is required to develop adhesion to ensure that the void message appears on removal or tampering. Stronger initial bonds can be made with firmer finger pressure on application.
- (c) A sufficient adhesive bond may not develop on all surfaces, particularly those with a low surface energy or surface contamination. The product must always be pre tested by the user in the intended application before actual use.

Environmental Performance:

temperature resistance	use temperature	<-30°C to +70°C
	storage temperature	+5°C to 30°C (store dry)
	application temperature	-10°C to +45°C
humidity resistance	not sensitive to humidity	
water resistance	withstands exposure to water at room temperature for 24 hours	
shelf life	1 year	

MANUFACTURED BY:

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Handling, Health and Safety:

No special precautions needed. Do not inhale vapours if burnt.

Regulatory Information:

Risk Phrases	None required
Safety Phrases	None required

Ecological Information:

Not known to have any adverse environmental effects

Disposal Considerations:

Suitable methods of disposal are incinerators with energy recovery or in approved landfill sites in accordance with national and local regulations. Care should be taken to ensure compliance with national and local regulations.

Please Note:

The statements made in this data sheet are the experience of using Label Lock™ in the field and the result of careful laboratory evaluations by trained staff employing FINAT and similar test methods. No guarantee can be made, however, as regards specific applications as conditions of use are different for each individual case. Full end-use testing should be undertaken to properly evaluate this product under specific conditions including the degree of security offered. It is recommended that the end user test samples from each roll of labels before use. This product is not guaranteed to be 100% tamper proof or leave a residue that can not be removed. The manufacturer does not accept any responsibility or liability direct or consequential for loss or damage caused as a result of using this product.

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