

TAMPER EVIDENT CABLY



Global Tag **TAMPER EVIDENT CABLY** is an RFID cable-tie tag designed for indoor and outdoor applications where secure identification and tamper detection are required.

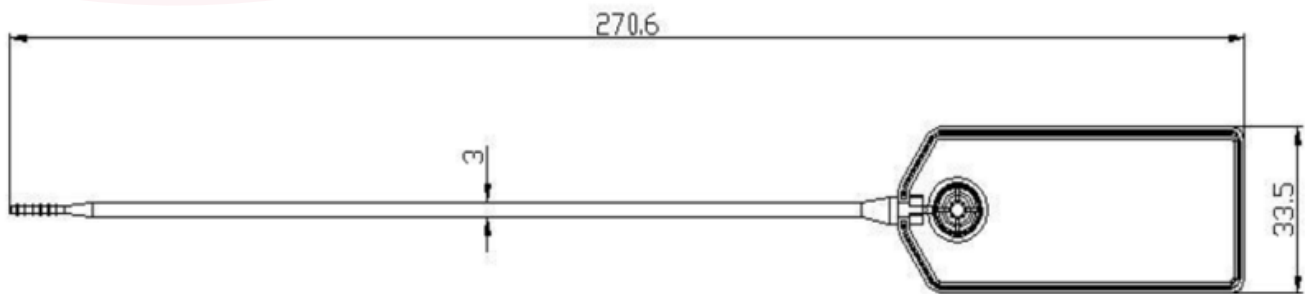
Its special construction allows the system to detect whether the tagged item has been opened, removed or manipulated.

In case of tampering, the EPC status changes accordingly, enabling the system to immediately identify that the integrity of the tagged object has been compromised.

TAMPER EVIDENT CABLY is particularly suitable for the security management and tracking of containers, luggage, transport boxes, logistics assets and other applications where controlled access and tamper monitoring are essential.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 270x34x8,5mm



Mounting System: As cable tie

Material: High Quality ABS

Color: Generally dark grey – Available optionally any other colors

Class Protection: Waterproof (IP66)

Storage Temperature: -35°C to +100°C

Operating Temperature: -25°C to +85°C

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Individual

Expected lifetime: Years in normal operating conditions

Chemical resistance:

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion
- 200 hours Salt water (salinity 10%) exposure
- 200 hours H₂SO₄ Sulfuric acid (10% pH 2) exposure
- 24 hours NaOH Caustic Soda (10%, PH 13) exposure
- 24 hours HCl Muriatic Acid (10%) exposure
- 24 hours Na₂CO₃ Soda Solvay
- 200 hours NH₃ Ammoniac (5% to 25%)

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product's final suitability for certain environmental conditions is recommended to be tested. We are available for other information.

AVAILABLE CHIP SPECIFICATION:

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-6C GEN2 V2
IC Type Available	CAB1
Memory	TID/UID 112bit+ EPC/Block 196bit+ User File_0 with 512bit of data+ Reserve 112bit
Read Range	Up to 6meters

CUSTOMIZATION OPTIONS:

Printing laser engraving: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required.

Silk Printing: 4-colors printing logo

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.

INSTALLATION MODE:

Squeeze the wrapper around the object.

APPLICATION NOTE:

Luggages and Container tampering control: Thanks to the check of the EPC status, we can 100% know if the goods have been tampered.

Maintenance: **TE CABLY** is a strong tag designed to improve maintenance services with easy installation on all surface.

Cables Tracking: **TE CABLY**, with its cable-tie form, is a great solution for the tracking of cables and optical fibers

ORDER INFORMATION:

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT- CBLY_TE-XX (XX defines the selected IC chip)

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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