

SEAL TAG ANTI-TAMPER



Global Tag **TAMPER EVIDENT UHF SEAL TAG** is designed for indoor and outdoor applications where secure sealing and tamper detection are essential. Thanks to its steel tail, the tag can be firmly attached to the identified object while providing RFID-based traceability.

Its tamper-evident functionality allows the system to detect whether the seal has been opened or altered, with the EPC status changing accordingly. This provides an additional level of security compared with standard RFID seal tags and enables immediate verification of the integrity of the sealed item.

TAMPER EVIDENT UHF SEAL TAG is particularly suitable for the security management and tracking of containers, luggage, transport boxes, logistics assets and other items that require controlled access and tamper monitoring.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: 130mm*37*16mm / tail length: 275mm

Mounting System: As cable tie

Weight: 40gr.

Material: High Quality ABS

Color: Different colors available

Class Protection: IP68

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.

CHIP SPECIFICATION AVAILABLE:

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-6C GEN2 V2
IC Type Available	CAB0/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 customizations on request.

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 SEAL TAG** is a strong tag designed to improve maintenance services with easy installation on all surface.

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

ORDER INFORMATION:

PRODUCT CODE: GT-SLTG_TE-CB

For more information:

Global Tag Srl - Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S global-tag

W www.global-tag.com

M sales@global-tag.com

DISCLAIMER:

The information in this document is subject to change without notice. Global Tag assumes no responsibility for any errors that may appear in this document. Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general-purpose product not designed or intended for any specific application. Global Tag Srl or its subsidiaries are not responsible for the performance or support of third party products and does not make any representations or warranties whatsoever regarding quality, reliability, functionality, or compatibility of these devices or products.