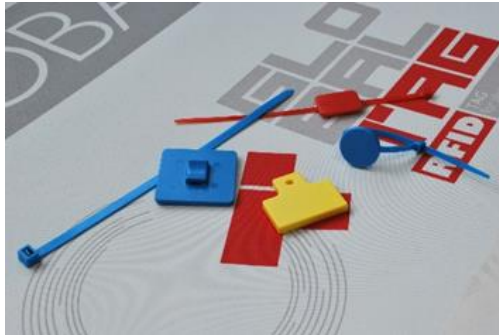


PRODUCT DATASHEET

GLOBAL TAG RFID REUSABLE CABLE TIE



Global Tag **RFID REUSABLE CABLE TIE** is a series of cable tie tags in which the RFID tag and the tail are provided separately; in this way the RFID Tag can be reused and the disposable tie can be wasted. It is available in HF 13.56Mhz, both ISO 14443 (NFC) and ISO 15693 and in UHF 860-960Mhz.

Different customizations are available such as logo printing, serial number laser engraving, EPC and user memory encoding.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 28mm diameter, 4mm thickness / 33x23mm, 3,5mm thickness / 52x52mm, 4mm thickness / 49x45mm, 6mm thickness

Mounting System: Cable-tie

Weight: depends on the selected size

Material: High Quality ABS and PE Material

Color: Different colors available

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -30°C to + 100°C / -22°F to +212°F

Operating Temperature: -25°C to + 85°C / -13°F to 185°F

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

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and NFC	ISO18000-63
IC Type Available	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRI2k, Ntag203, others on-request	Alien Higgs3, Alien Higgs 4, NXP U-Code8, NXP U-Code9 others on-request
Size Inlay	It depends on selected IC chip	38x17mm
Read Range	From 2 to 50cm	Up to 4meters

CUSTOMIZATION OPTIONS

Laser engraving: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customizations on request.

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

Wrap the tag like a cable tie and cut off the leftover part

APPLICATION NOTE

Asset management: **CABLY** can be used to track and manage corporate asset even when they are outdoors or in harsh conditions. Thanks to the long tail, it can be easily applied also on big objects without possibility to be removed.

Waste bin management: **CABLY** can be mounted on waste bins both plastic or metallic material; this Qu-id help to simplify project and help to have only one tag for all type of waste bins.

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

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

ORDER INFORMATION

PRODUCT CODE: GT-CBLY_AS-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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DISCLAIMER

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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.

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