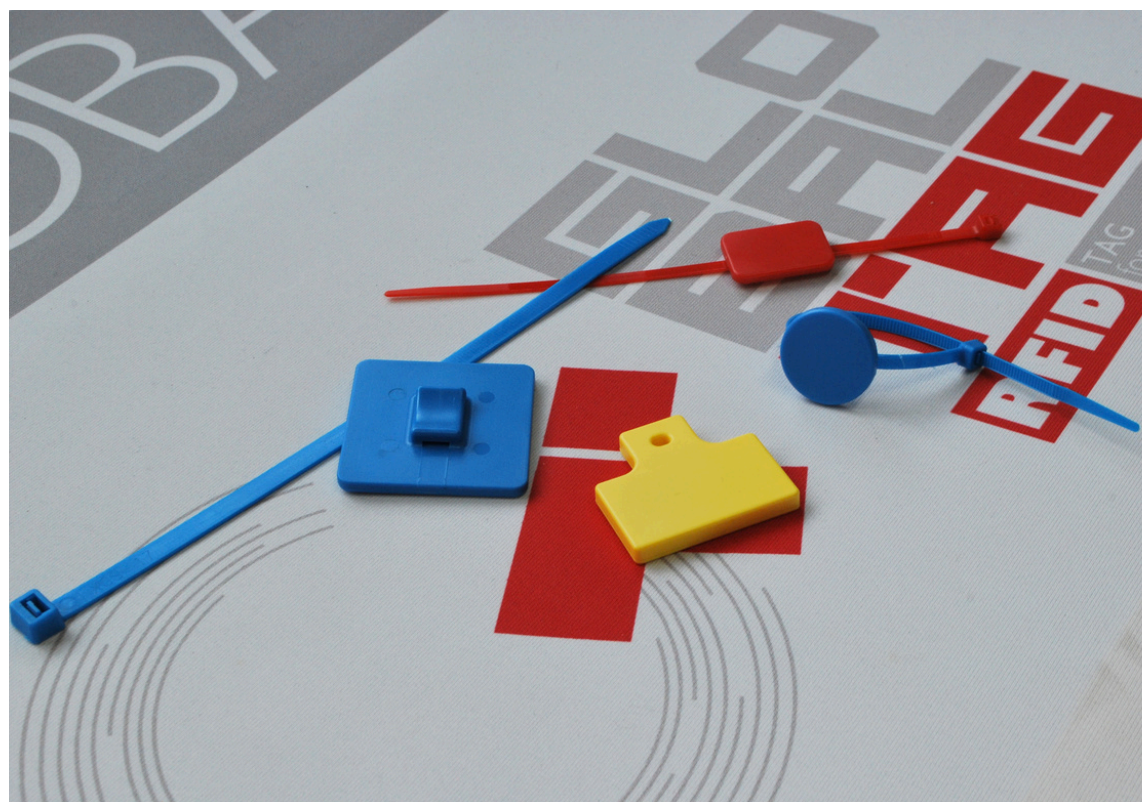


RFID REUSABLE CABLE TIE



HF



NFC



UHF



Global Tag **RFID REUSABLE CABLE TIE** is a versatile RFID cable-tie solution designed with the RFID tag and fastening tail as two separate components. This configuration allows the RFID tag to be reused multiple times, while only the inexpensive cable tie is replaced after each application.

The product is available in HF 13.56 MHz, supporting both ISO 14443 / NFC and ISO 15693 standards, as well as in UHF 860-960 MHz. Its reusable design makes it particularly suitable for asset management, logistics, industrial identification and applications where objects need to be frequently tagged and released.

Different customization options are available, including logo printing, laser-engraved serial numbers, EPC encoding and User Memory encoding, allowing RFID REUSABLE CABLE TIE to be adapted to specific identification and traceability requirements.

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

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.

CHIP SPECIFICATION AVAILABLE:

	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:

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

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 wrappe, it can be easily applied also on big objects without possibility to remove it.

Waste bin management: **CABLY** can be applied 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:

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT- CBL_Y_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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