

PRODUCT DATASHEET

GLOBAL TAG RFID & NFC SILICONE WRISTBAND



Global Tag **RFID & NFC SILICONE WRISTBAND** has a special design developed by everyone, adults and children thanks to several holes in the band, just like a watch. Waterproof, this product was born for swimming-pool, aquatic park, hotel/resort access and for ticketing/micro-payment application.

The RFID wristband is available in LF and HF (also NFC) with many different customizations as color mold, printing options and memory encoding.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 240x26; thickness: 6mm / 9,45x1,02; thickness: 0,24 in

Strap width: 16mm

Weight: 16gr.

Material: Silicon Rubber (buckle in Metal or Plastic ABS)

Color: All colors are available

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

Storage Temperature: -55°C (for 3h) to +120°C (for 2h) / -67°F (for 3h) to +248°F (for 2h) (for any other particular request contact us)

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 Salt water (salinity 35gr/L) exposure

- 200 hours NaClO (25% with water, Bleach) exposure

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

	LF 125Khz	HF 13,56MHz
Device type	N.D.	N.D.
Air interface protocol	N.D.	ISO14443 and ISO15693 and NFC
IC Type Available	TK4100, T5577, EM4200, other on request	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRI2k, Ntag213, Ntag216 other on-request
Size Inlay	20mm diameter	20mm diameter
Read Range	From 2 to 25cm	From 2 to 25cm





CUSTOMIZATION OPTIONS

Printing laser engraving: Serial UID, serial progressive number or codes from database. The laser engraving can be filled with color, optionally.

Silk Printing : 4-colors logo printing

Pre-Encoding: Customer specific encoding of User Memory (even from Database). Locking, permanently or through password. Insert into Database UID codes.

OPTIONS AND SPARE PARTS AVAILABLE

Some different buckles are available. Find below the most used clips:



Plastic Clip: recommended for Marine sea use.



Metal standard Clip: recommended for all the uses.



Metal special Clip: recommended for swimming pool or aquatic park use.

APPLICATION NOTE

Access Control: The wristband is used for access control in many different environment as swimming-pool, aquatic park, SPA or beauty center, hotels and events.

Micro-Payment and ticketing: The Wristband, especially with HF ISO14443 (NFC) chip, can be used for micro-payment inserting encrypted information.

Fidelity or VIP Pass

ORDER INFORMATION

Standard product is made with Standard Claps

PRODUCT CODE: GT-WTCY-xx (xx defined type of chip required)

On demand we can also produce transponder with different color or with other type of customization... contact us for more information:

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

P +39 030 2005259

S [global-tag](http://global-tag.com)

W www.global-tag.com

M sales@global-tag.com

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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