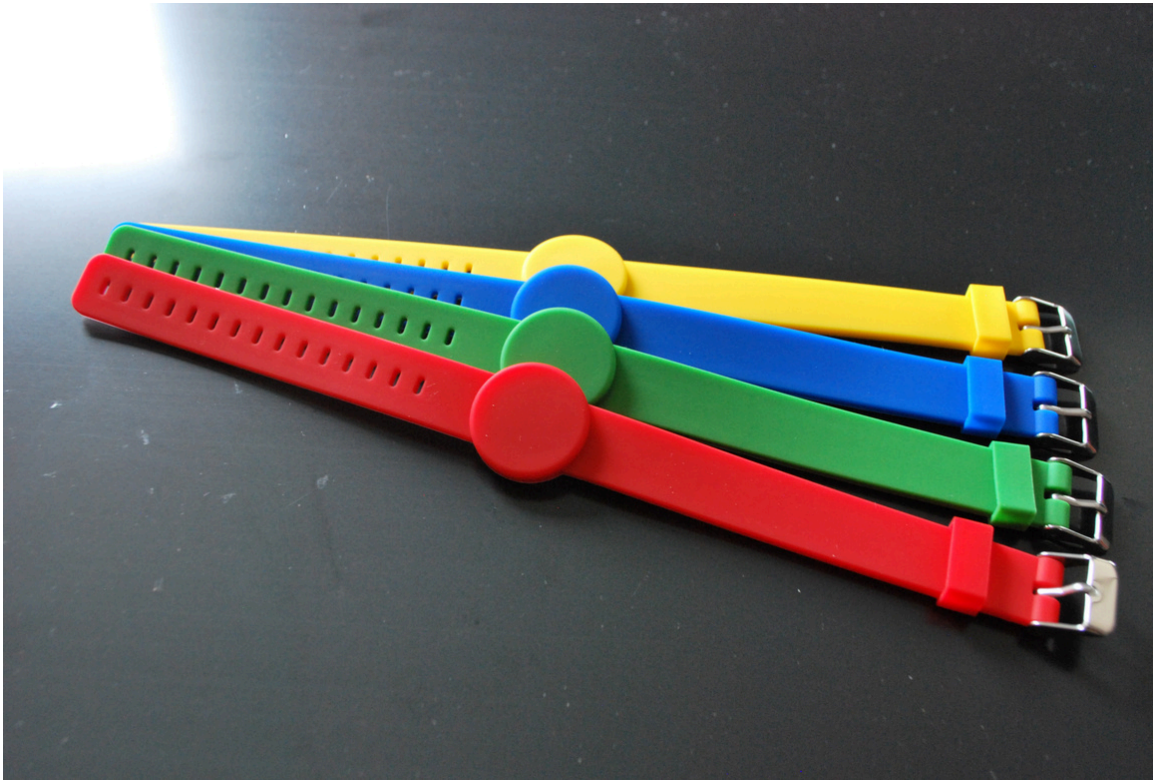


# RFID & NFC SILICONE WRISTBAND



Global Tag **RFID & NFC SILICONE WRISTBAND** is a wearable solution designed for identification, access control and cashless applications. Its watch-style design with multiple holes ensures a comfortable fit for both adults and children.

Made of waterproof silicone, it is ideal for environments such as swimming pools, water parks, hotels and resorts. It is widely used for access control, ticketing and micro-payment systems.

The wristband is available in LF and HF (including NFC) technologies, ensuring compatibility with different systems. Its durable material guarantees reliable performance even in demanding conditions.

Customization options include color molding, logo printing and memory encoding, allowing full adaptation to customer requirements.

## 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

## 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:**

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