

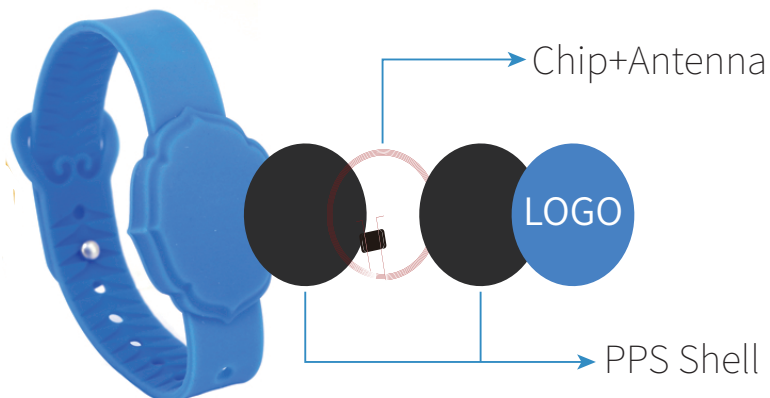
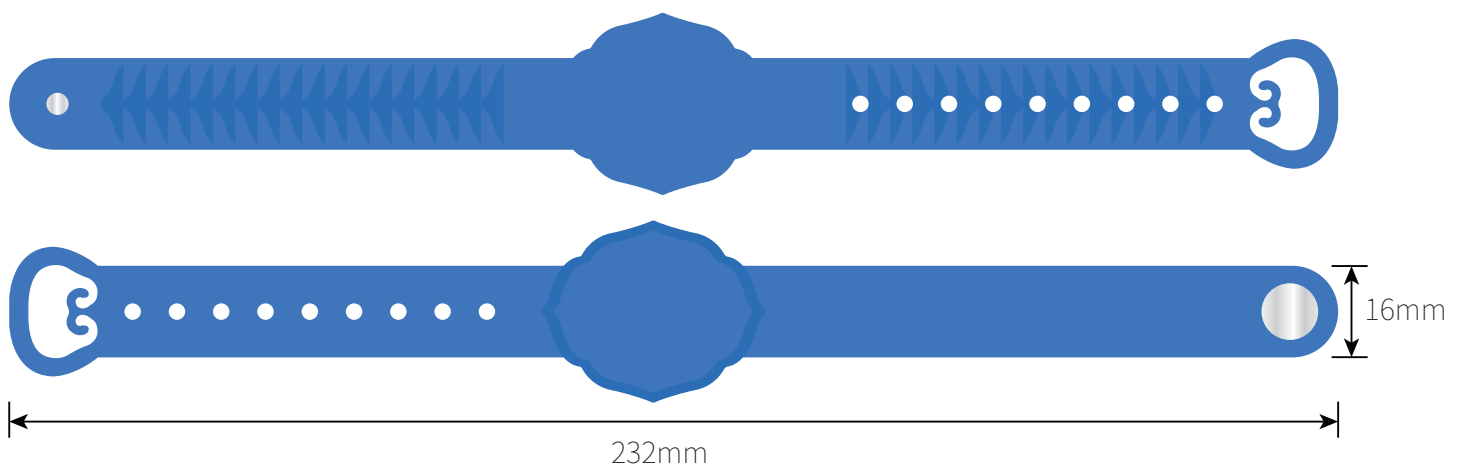
2021 new RFID silicone wristband-spec sheet



Silicone RFID wristbands at your gym, pool, spa, or waterpark. Let your guests or club members use them to pay for food, services, and amenities with one swipe on your POS terminal. Silicone RFID wristbands are also comfortable to wear for access control and locking applications around your building, the office, your lab, or your warehouse.

Parameters					
Item	RFID Silicone Wristband	Color	Blue, red, white, black, purple, green purple, orange (Customizable)	Working Temperature	-25°C to 65°C
Material	Silicone	Size	232*16 mm,etc.	Data Retention Time	10 years
Write Endurance	100000 times	Chip	TK4100,EM4305,NTAG213 NTAG215,Mifare 1K,Mifare 4K	Eeprom	Already chip decision
Frequency	125KHz,13.56MHz	Reading Distance	0-10cm	Crafts Available	Logo or number printing, Bar code, QR code, etc.
Protocol	ISO11784/11785,ISO14443A	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.		

Dimensional Diagram



Available chips

125KHz Chip

Common Chip Types	Protocol	Capacity	Anti-collision	Function
TK4100	ISO 11784/11785	64 bits	No	Read Only
EM4200	ISO 11784/11785	128 bits	No	Read Only
EM4305	ISO 11784/11785	512 bits	No	Read/Write
T5577	ISO 11784/11785	330 bits	No	Read/Write

HF 13.56 MHz Chips

Chip Name	Protocol	Capacity	Frequency
Ntag213	ISO14443A	180 byte	13.56 MHz
Ntag215	ISO14443A	540 byte	13.56 MHz
Ntag216	ISO14443A	924 byte	13.56 MHz
MIFARE Classic 1K	ISO14443A	1 KB	13.56 MHz
MIFARE Classic 4K	ISO14443A	4 KB	13.56 MHz
MIFARE Ultralight EV1	ISO14443A	80 byte	13.56 MHz
MIFARE Ultralight C	ISO14443A	192 byte	13.56 MHz
ICODE SLIX	ISO15693	1024 bits	13.56 MHz

860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz

Feature

- ▶ FDA level silicone rubber material, Non-toxic, non-corrosive, environment-friendly
- ▶ Durable, waterproof, and heat-resisting
- ▶ Soft, skin-friendly, and comfortable
- ▶ Contactless transmission of data and supply energy
- ▶ Operating frequency of 125KHz,13.56MHz
- ▶ Data integrity of 16-bit CRC, parity, bit coding, bit counting
- ▶ Typical ticketing transaction time of<100ms (including backup management)
- ▶ Operating distance up to 100mm (depending on antenna geometry and reader configuration)

APPLICATIONS

- Swimming pools
- Bath center
- Hotel management
- Amusement parks
- Exhibitions
- Carnival
- Music Festival
- Event Ticketing