

2-Color Engraved Rubber Bracelet-spec sheet

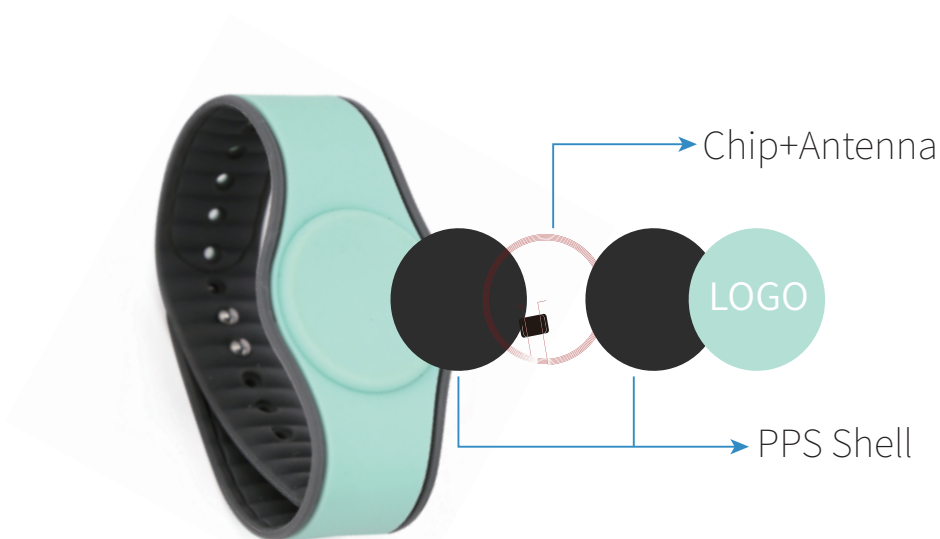
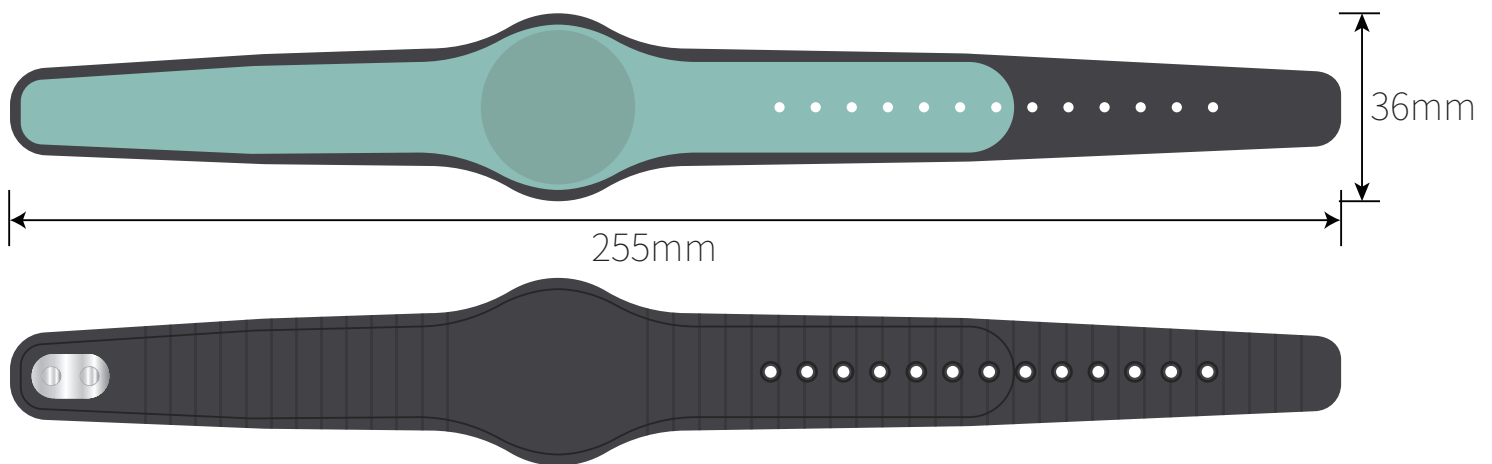


XINYETONG's stylish multifunctional round silicone wristband is integrated with the RFID tag embedded in the round surface. These comfortable silicone bracelets are waterproof and wear-resistant, and are mainly used in leisure places, theme parks, water parks, sports activities and outdoor activities. Applications include brand activation, cashless payment and access control, and can also be used to capture visitor data, monitor activity time and perform secure locker management.

Parameters

Material	Silicone	Color	Blue, red, white, black, purple, green purple, orange (Customizable)	Working Temperature	-25°C to 65°C
Write Endurance	100000 times	Size	231.5*35*20mm 300*35*20mm	Data Retention Time	10 years
Frequency	13.56MHz,125KHz	Chip	Mifare 1K,NTAG213,EM4305,TK4100	Crafts Available	Logo or number printing, Bar code, QR code, etc.
Protocol	ISO14443A,ISO11784/11785	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

Feature

- ▶ Customizable two-color silicone
- ▶ 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 13.56MHz,125khz
- ▶ 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