

## Ntag213 Cloth Wristband-spec sheet

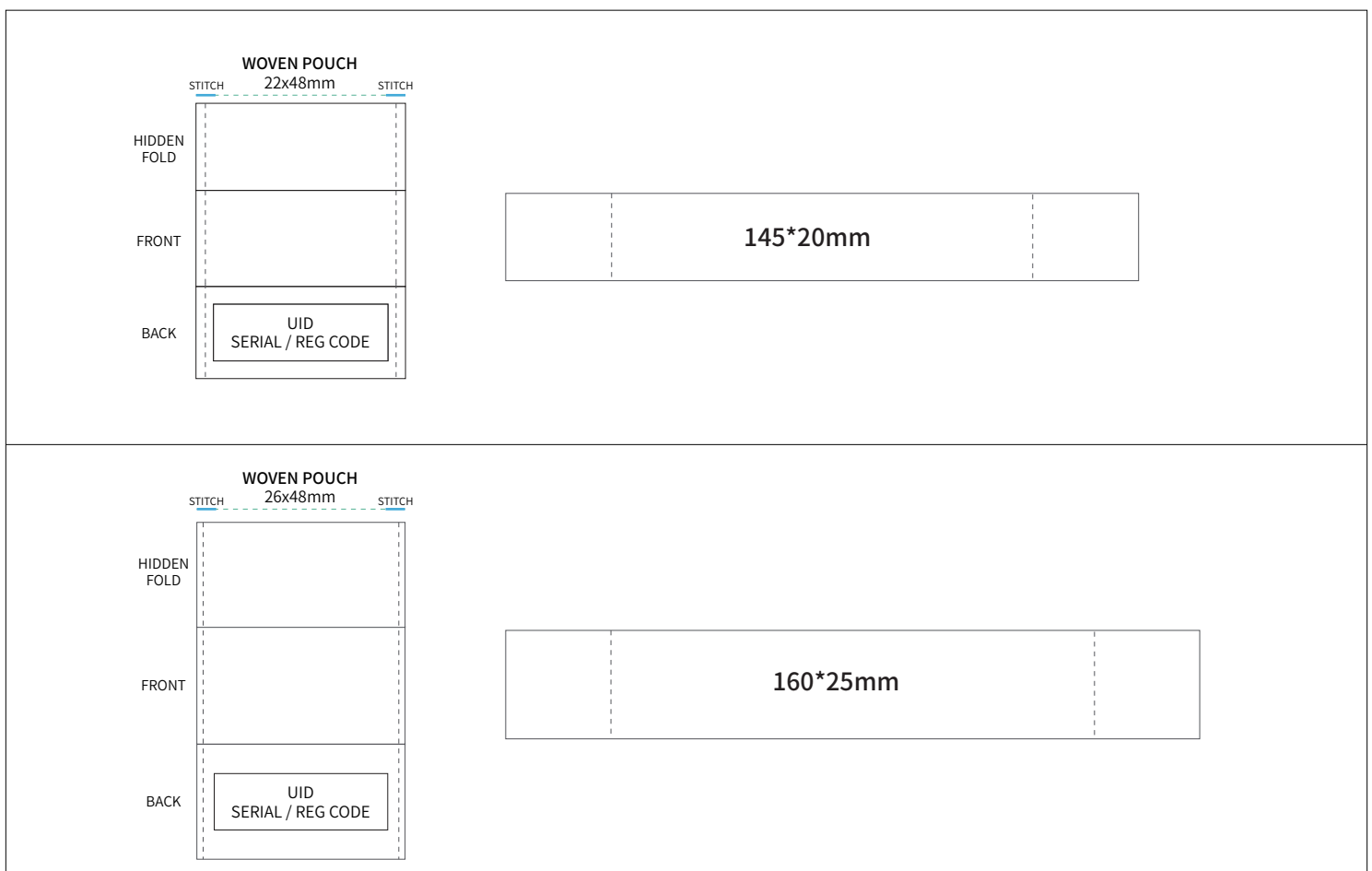


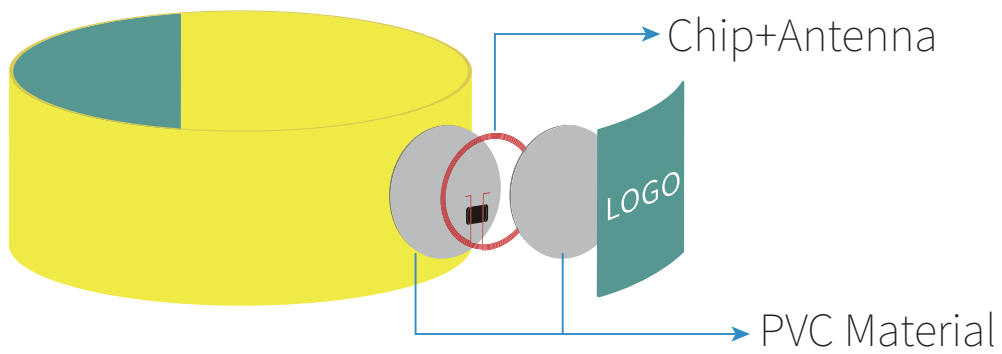
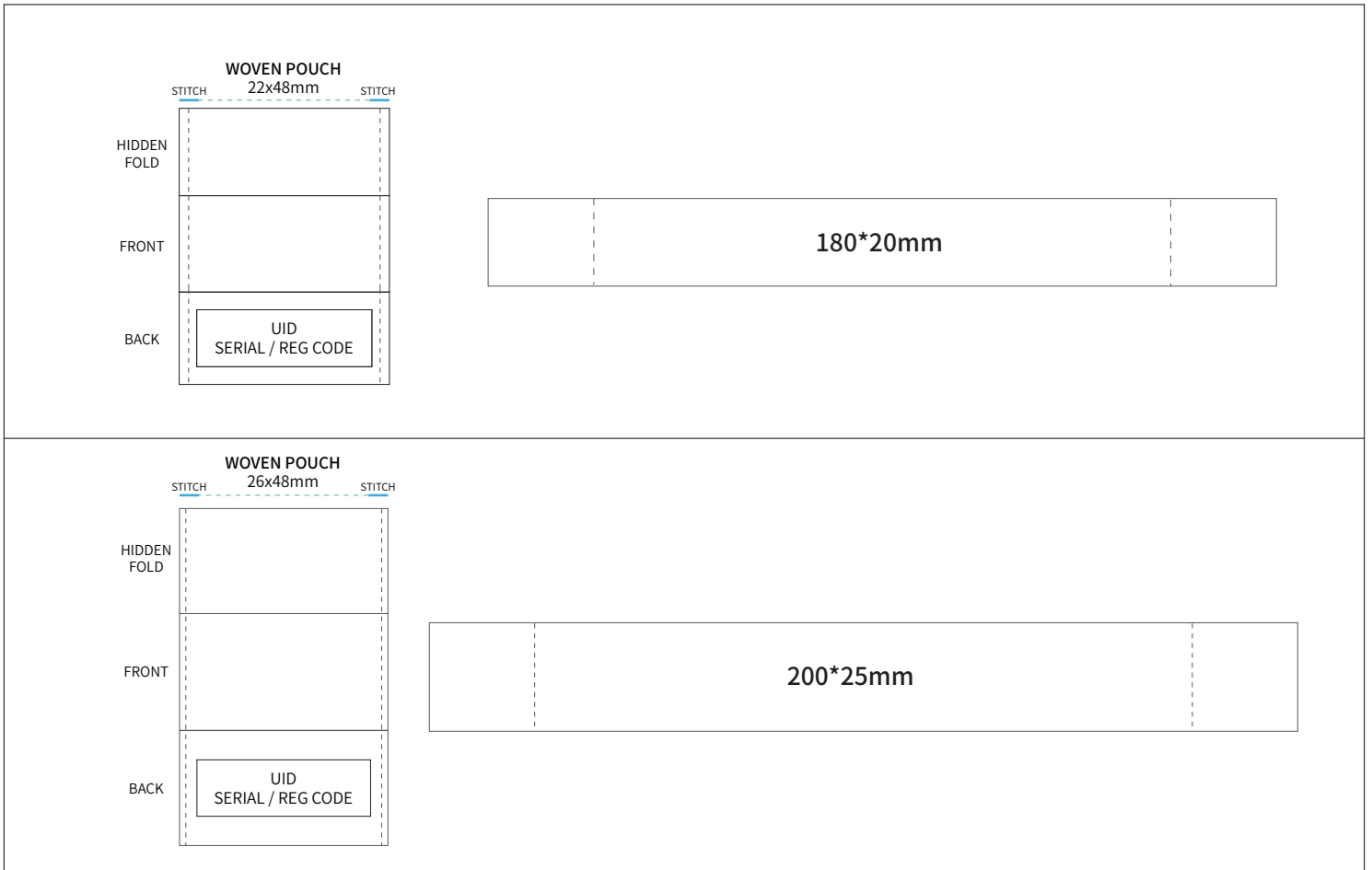
RFID silicone wristband is suited for the beach, pools, water-parks, spas, gyms, sports clubs, and any other RFID access control applications where a waterproof NFC bracelet is required. Silicone NFC bracelets are IP68 waterproof, durable, eco-friendly, heat resistant, and anti-allergy. All our silicone NFC wristbands are available with 125 kHz LF, 13.56 MHz HF and UHF ICs. Widely used in door access control, member management, payment tracking, pet/lost tracking, etc. Custom wristband color, custom LOGO printing all available for our NFC silicone wristband bracelet. Craft options like unique QR code, serial number, barcode, embossed, debossed, laser printing, etc all accepted for NFC silicone wristband bracelet.

### Parameters

Item	Ntag213 cloth wristband	Color	Customizable	Working Temperature	-25°C to 65°C
Material	polyester	Size	185*25mm, 160*25mm, 145*25mm, etc.	Memory	144 bytes
Write Endurance	100000 times	Chip	NTAG213	Data Retention Time	10 years
Frequency	13.56MHz	Reading Distance	0-10cm	Protocol	ISO14443A

### 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

- ▶ Durable and multi-day use
- ▶ Stretchy, soft and removable
- ▶ Support double-sided printing
- ▶ Operating frequency of 13.56MHz
- ▶ 100% compatible with NFC-enabled devices
- ▶ Better RF and safety performance
- ▶ Total memory: 180 bytes; User memory: 144 bytes
- ▶ Data retention up to 10 years
- ▶ Various styles, support customization

## APPLICATIONS

- access control
- intelligent identification
- cashless payments
- social media integration