

OP038

Product Datasheet

Colour Silicone Wristband



RFID wristbands have been widely applied across multiple industries due to their non-contact identification, smart recording, and durability. Here are key application areas:

- Healthcare (patient ID, infant security);
- Events & Hospitality (cashless payments, access control);
- Sports & Fitness (timing, gym access);
- Smart Cities (transport payments).



Functional Specifications

RFID Protocol:	ISO18000-2, ISO/IEC 14443A, ISO 15693, ISO18000-6C
Frequency:	LF 125Khz, HF13.56Mhz, UHF 860-960MHz
IC type:	TK4100/ Mifare Ultralight EV1/ NTAG 213/ NTAG 215/ F08/ Higgs-9 etc.
Memory:	Depends on different chips
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	10 Years
Read Range:	LF/HF:0~10cm,(depends on chip/reader); UHF:0~30cm,(depends on chip/reader).
Warranty:	1 Year

Physical Specification

Size:	210.0x25.0mm
Thickness:	4.5mm
Material:	Silicone
Printing Option:	Full Color Printing
Personalization:	laser serial number / Encoding in chipset
Weight:	14g

Environmental Specification

IP Rating:	IP68
Storage Temperature:	-30°C to +70°C
Operation Temperature:	-30°C to +70°C

Dimensions

