

ABS Anti-Metal Coin Tag-spec sheet



ABS Anti-metal Coin Tag has a 3M adhesive layer that you can attach to the metal objects. So you can also call it ABS anti-metal sticker.

Embedded with HF chips or UHF chips, it has strong RF performance. As for which chip to use, it depends on your application.

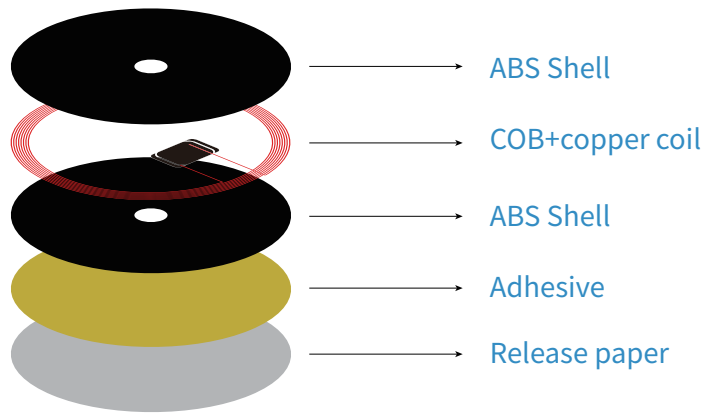
Xinyetong ABS Anti-metal Coin Tags come in many sizes, such as 20mm, 27mm, 50mm, etc.

Parameters

| | | | | | |
|-----------|--|------------------|--------------------------|---------------------|---------------------------------|
| Item | ABS Anti-Metal Coin Tag | Material | ABS | Working Temperature | -25°C to 65°C |
| Eeprom | depend on chips | Size | 20mm/27mm/30mm/50mm, etc | Data Retention Time | 10 years |
| Chip | Miifare Classic 1K S50, Fudan F08 Nttag213/215/216, UHF Alien H3 | Reading Distance | 0-10cm | Installation mode | 3M300LSE back glue, strong glue |
| Frequency | 13.56 MHz, 860-960 MHz | Write Endurance | 100000 times | | |

Dimensional Diagram

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Available chips

LF 125kHz Chips

| Chip Name | Protocol | Capacity | Frequency |
|-----------|-----------------|----------|-----------|
| TK4100 | ISO 11784/11785 | 64 bits | 125 kHz |
| EM4200 | ISO 11784/11785 | 128 bits | 125 kHz |
| EM4305 | ISO 11784/11785 | 512 bits | 125 kHz |
| T5577 | ISO 11784/11785 | 330 bits | 125 kHz |

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 |
| Impinj Monza 4 | ISO18000-6C | 96 bits | 860~960 MHz |
| UCODE G2iL | EPCglobal Class1Gen2 | 128 bits | 860~960 MHz |

Feature

- ▶ Firm and durable
- ▶ Anti-collision communication protocol
- ▶ High-temperature resistance
- ▶ Corrosion resistance
- ▶ Waterproof and Durable
- ▶ Various sizes are available
- ▶ Support LF, HF, UHF chips
- ▶ Long reading distance
- ▶ Fast recognition and high efficiency
- ▶ Support custom service

APPLICATIONS

- Warehouse pallet management
- Tracking on logistics
- Storage & Asset management
- Supply chain tracking & management
- Vehicle license management
- National grid
- Metal machine management
- Patrol management
- Metal container management