



KF003 is an RFID key fob made of ABS, a thermoplastic material with excellent mechanical properties such as good rigidity and hardness, impact resistance and water resistance.

With a metal ring and teardrop shape, it can be customised using screen and pad printing, while serial numbering can be applied using laser technology.

KF003 is available in **LF (with a**

EM4200, EM4305 chip) and HF (with a RF81, MIFARE CLASSIC 1K EV1 S50, FM11RF08, NTAG213 chip), in the following colours: blue, black, green, grey, yellow, red and orange. It can also be ordered in **combinations with a white cover and housing in black, red, yellow, green or blue.**

MARKETS

Ideal for **access control**, it is an

excellent solution for several other RFID applications, including **detecting the number of people present at a site, identification, ticketing, electronic wallets and public transport.**



frequency 125 KHz

RFID features

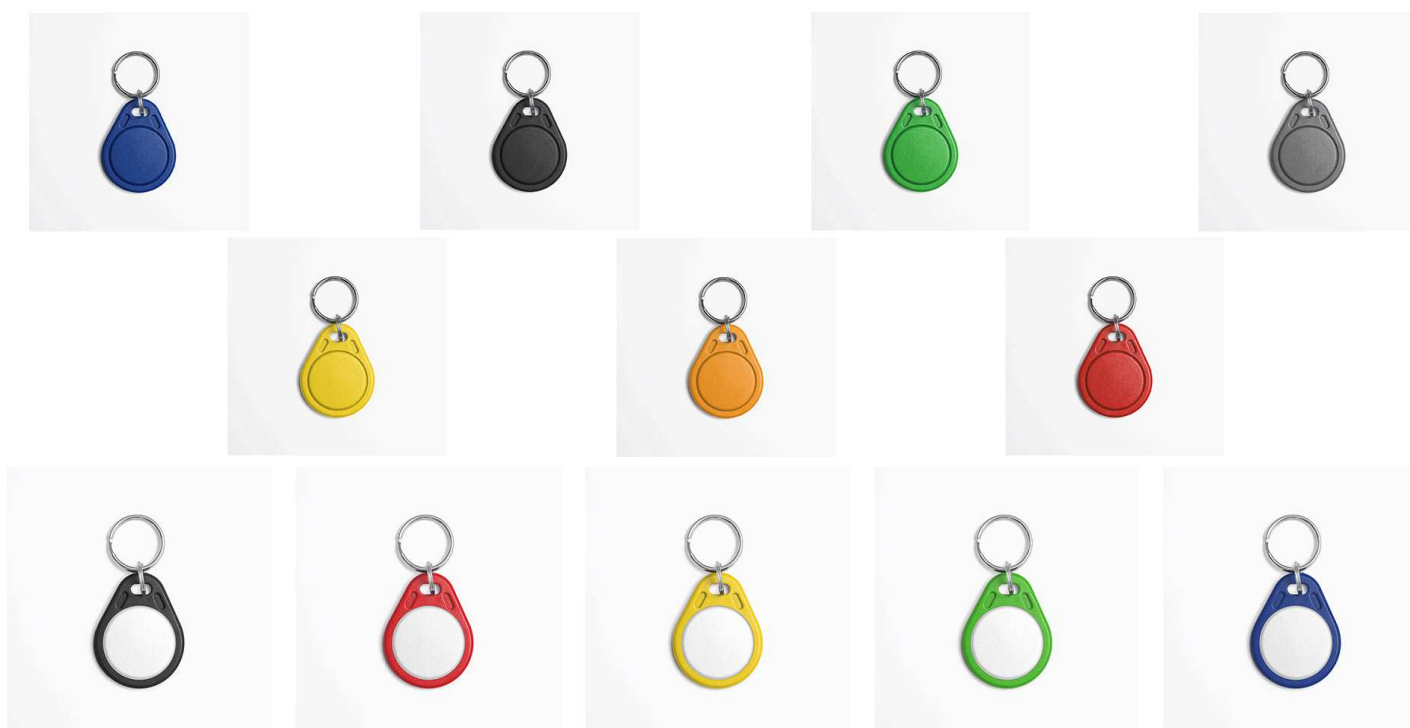
| Chip | Memory | ISO Standard |
|--------|-------------------------|-------------------|
| EM4200 | 0 bytes - UID: 8 bytes | ISO 11784 / 11785 |
| EM4305 | 64 bytes - UID: 4 bytes | ISO 11784 / 11785 |



frequency 13.56 MHz

RFID features

| Chip | Memory | ISO Standard | NFC Standard |
|-----------------------------------|---------------------------|--------------|--|
| RF81 | 1024 bytes - UID: 4 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| FM11RF08 | 1024 bytes - UID: 4 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| MIFARE CLASSIC 1K EV1 S50 | 1024 bytes - UID: 4 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| MIFARE CLASSIC 1K EV1 S50 7 BYTES | 1024 bytes - UID: 7 bytes | ISO 14443 A | Not supported by majority of NFC devices |
| NTAG213 | 144 bytes - UID: 7 bytes | ISO 14443 A | Type 2 - tag compliant |



| Technical specifications | |
|--------------------------|--------------------|
| Dimensions | 40 x 31.7 x 4.5 mm |
| Material | ABS |
| Weight | 3 g |
| Operation temperature | -20°C ~ +50°C |

| Customisation | |
|-------------------|---|
| Colours | Solid colour version: blue, black, green, grey, yellow, red, orange; Two-tone version: black+white (cover*), red+white (cover), yellow+white (cover), green+white (cover), blue+white (cover). *the cover is the printable surface, which is always white for the two-tone version. |
| Type of printing | Silkscreen printing, pad printing |
| Type of numbering | Laser technology |

