

NFC Passport- spec sheet

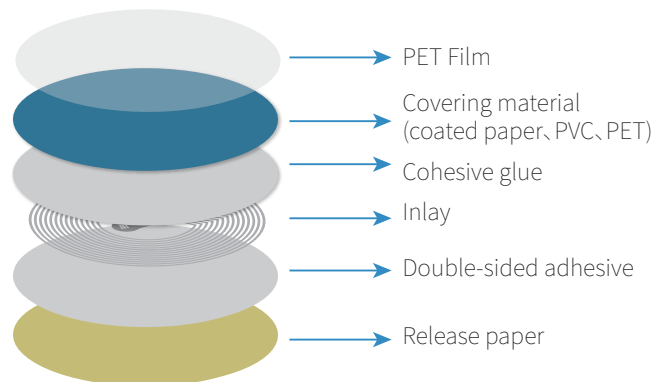
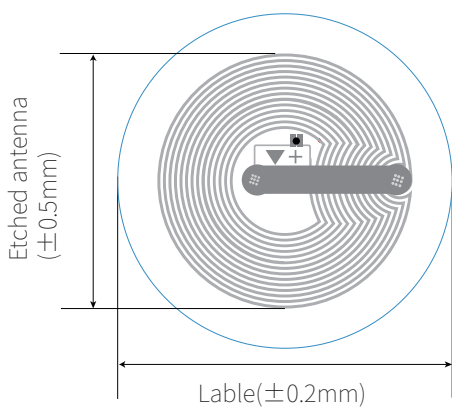


NFC Passport is based on Near Field Communication technology. Each of NFC passports is embedded with an NFC label that can store personal information. It features multiple anti-counterfeiting and highly secure information protection.

Parameters

Item	NFC Passport	Color	Custom	Working Temperature	-30°C to 200°C
Material	Paper	Size	φ15 mm, φ20 mm, φ 27 mm, φ30 mm, φ33 mm, φ 34 mm, Or custom	Data Retention Time	10 years
Chip	NTAG213, Ntag216, TOPAZ512, NTAG215, F08, DESFIRE 2K 4K 8K, etc	Memory	depend on chip	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Frequency	13.56 MHz	Reading Distance	1-5cm	Write Endurance	100000 times
Protocol	ISO14443A				

Dimensional Diagram



Feature

- ▶ Working on 13.56 MHz frequency
- ▶ Comply with ISO14443A international standards
- ▶ Long service life, can read and write 100000 times
- ▶ Data retention for more than 10 years
- ▶ Multiple anti-counterfeiting technologies
- ▶ Passport implanted with NFC chip without any trace
- ▶ Contactless reading, Security and intelligence
- ▶ Various chips, sizes, shapes, colors are available
- ▶ Support all NFC-enable cellphone or other NFC devices
- ▶ Support for custom service

Available chips

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