

Fragile Tag With NFC Chip-spec sheet



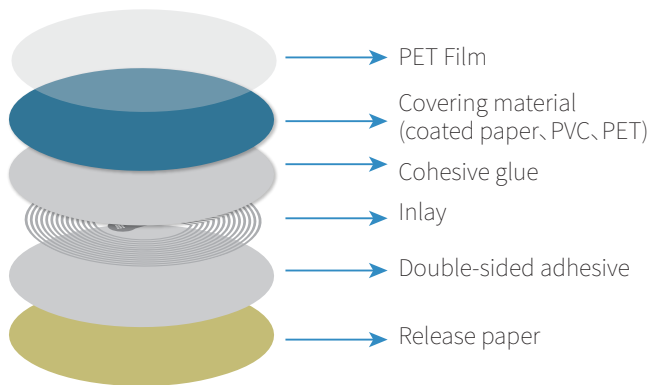
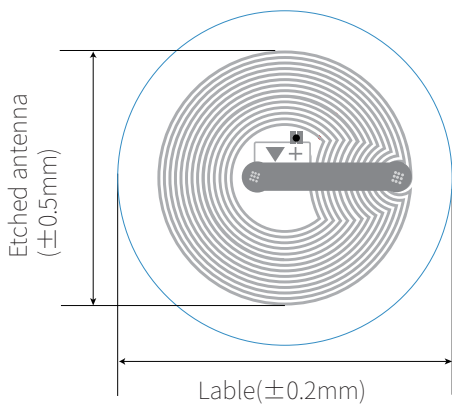
NFC Fragile Tag is designed for anti-counterfeit. It uses fragile materials, such as a fragile antenna, shredded paper, or anti-peeling antenna, to ensure that the tag is not transferable.

The complete fragile label can be identified by card reader or NFC mobile phone. The damaged label is unreadable, so the authenticity and integrity of the product can be detected at one time.

Parameters

Item	NFC fragile Tag for Anti-counterfeit	Color	Custom	Working Temperature	-30°C to 65°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

- **Uniqueness:** Each NFC fragile anti-counterfeiting tag has a unique serial number. It adopts advanced dynamic digital encryption technology and label information cannot be copied. Besides, this tag adopts fragile materials to ensure that labels cannot be transferred.
- **Anti-counterfeit Query:** Based on the NFC technology, it makes the anti-counterfeiting query easier. When an NFC-enable phone approach to the NFC sticker on the product, the mobile phone can display the authenticity information.
- **Rich Information:** Besides validating products, you can read other relevant information about products. For example, product information, production date, origin, specification, etc.

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

APPLICATIONS

- Valuables supervision
 - Precision instrument anti-dismantle
 - Car windshield labels
- Certificate management
 - Jewelry forgery prevention
 - Cosmetic anti-counterfeiting traceability
- High-end tobacco and alcohol anti-counterfeiting
 - Brand clothing anti-counterfeiting
 - Other commodities anti-counterfeiting