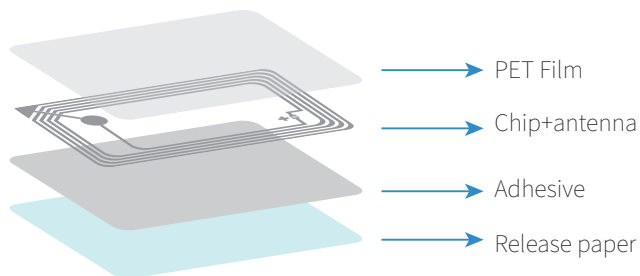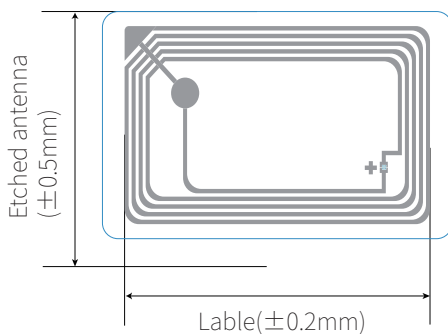# NTAG213 Wet Inlay NFC Tag- spec sheet

What is Wet Inlay? Wet Inlay, one of the RFID Inlay, is composed of dry inlay, an adhesive layer, and release paper. Strictly speaking, it is a semi-finished product, which is an important part of RFID cards, RFID tags, RFID wristbands, and other RFID products. But Wet Inlay has an adhesive backing, like RFID sticker, which is easy to stick on to surfaces. Therefore, it is also a low-cost RFID solution for batch marking products that do not need to print information on the tag.

The Ntag213 Wet Inlay, embedded Ntag213 chip, features higher RF performance and Superior security, suitable for the application with high-security performance requirements, such as payment, etc.

Parameters

Item	NTAG213 Wet Inlay NFC Tag	Color	Red, Blue, Green, Yellow, White, etc	Working Temperature	-25℃ to 65℃
Chip	NTAG213	Size	18*18mm, 30*30.5mm, 35*35mm 42*42mm, 45*18mm,etc.	Data Retention Time	10 years
Frequency	13.56 MHz	Memory	144 bytes	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Protocol	ISO14443A	Reading Distance	0-10cm	Write Endurance	100000 times

Dimensional Diagram

Etched antenna (±0.5mm)

Lable(±0.2mm)

PET Film

Chip+antenna

Adhesive

Release paper

Feature

- Construction: Chip & Antenna+ Adhesive+ Release paper
- High-security performance & Good compatibility
- Wide application: Retail Environment, Social Media, Games & Toys, Location, Media & Ads, Business Cards, Loyalty Apps, Electronics Pairing, Product Authentication, Ticketing & Payment, Library Management, etc.

- 144 bytes of user data
- Can be erased and reprogrammed about 10,000 times
- Operating frequency of 13.56MHz
- Reading distance: up to 100mm

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