

13.56MHz 3M Adhesive Ntag216 Anti-metal NFC Tags- spec sheet



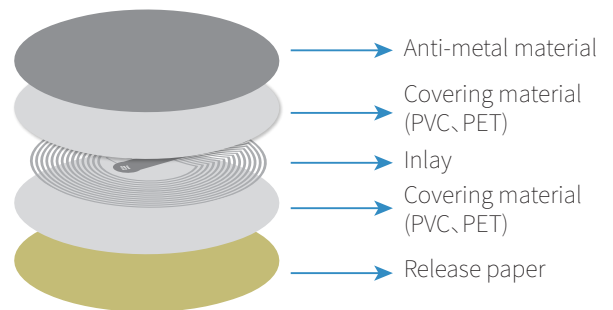
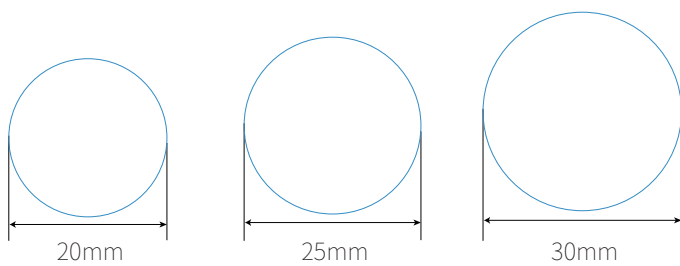
Most mobile phones have an NFC application and make today life smarter and easier. we will use NFC function to payment, identify, date exchange, information share. NFC stickers can affix on the phone backside or anywhere if you would like.

Customers can rewrite URL, text, number into NFC sticker which embedded NFC chip inside. Generally, they' re 13.56mhz and ISO 14443A protocol. we will choose them to depend upon their user memory.

Parameters

Item	13.56MHz 3M Adhesive Ntag216 Anti-metal NFC Tags	Color	Customizable	Working Temperature	-25°C ~ 65°C
Optional Material	coated paper/PVC/PET etc	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.	Data Retention Time	>10 yeas
Chip	NTAG216	Write Endurance	100000 times	Size	Dia 20mm/25mm/30mm/35mm etc.
Frequency	13.56 MHz	Reading distance	0-10cm		
Protocol	ISO 14443A	Data Retention Time	10 years		

Dimensional Diagram



Feature

- ▶ Operating frequency of 13.56MHz
- ▶ Can be erased and reprogrammed repeatedly
- ▶ 504 bytes of user memory, 540 bytes of total memory
- ▶ Field programmable read-only locking function
- ▶ Pre-programmed capability container with one-time programmable bits
- ▶ Integrated originality signature to make anti-counterfeiting simple and efficient
- ▶ Waterproof, acid-proof, alkali-proof, and collision-resistant
- ▶ 100% compatible with NFC-enabled devices
- ▶ 32-bit password authentication to protect the data stored in the tag
- ▶ Manufacturer programmed 7-byte UID for each device
- ▶ UID ASCII mirror for automatic serialization of NDEF messages

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

- date exchange
- information share
- payment
- identify