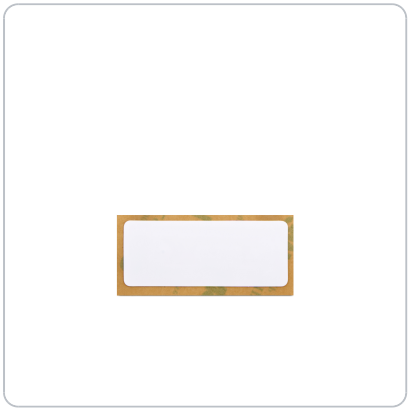
Product number: 17171

# NFC Sticker PET - 50 x 20 mm - NTAG213 - 180 Byte - white



## Product information

The white NFC sticker made of PET with a 3M adhesive layer is the perfect choice for anyone looking for a flexible sticker for smooth surfaces. The integrated NTAG213 makes the sticker particularly suitable for use in marketing campaigns. For other purposes, the NFC stickers can be printed with an ID, a QR code or both.

## Short description

- PET material, flexible, 3M adhesive layer
- Not suitable for metallic/conductive surfaces
- Size: 50 x 20 mm
- Indoor use, conditionally also outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The surface material of the white NFC sticker is made of PET. The material is therefore conditionally waterproof, meaning that the sticker can withstand moisture to a certain extent. The sticker has a width of 50 mm, a height of 25 mm and a material thickness of 0.21 mm. The antenna is slightly visible from the outside as the sticker is white. In addition, the sticker has a larger antenna (format 16 x 37 mm) and therefore achieves a good reading range. The sticker's chipset is compatible with all common NFC-enabled smartphones.

### NFC chip

The white PET sticker is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), thereof usable memory in the NDEF 137 bytes. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written up

to 100,000 times and has a data retention of 10 years. The NTAG213 has the UID ASCII Mirror feature, which allows the tag's UID to be appended to the NDEF message, as well as an integrated NFC counter that automatically increments during readout. Both features are not enabled by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 180 byte
- Free memory: 144 byte
- Usable memory NDEF: 137 byte

## Product properties

| | |
|---|---|
| **Product number** | 17171 |
| **Adhesive layer** | Yes (3M) |
| **Memory** | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| **Antenna format** | 37 x 16 mm |
| **Detail colour** | white |
| **Material thickness** | 0,21 mm (T) |
| **Frequency** | 13.56 MHz |
| **Chip** | NXP NTAG213 |
| **Data transfer rates** | 106 kbit/s |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Type** | Sticker |
| **Chip standards / ISO Norm** | ISO 14 443-3 A , ISO 14 443-2 A |
| **Dimensions** | 50 x 20 mm (B x H) |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |
| **Colour category** | white |
| **Product form** | rectangular |
| **Weight** | 0,32 g |
| **Material** | PET |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Further links** | ntag |

| | |
|---|---|
| **Antenna** | Aluminium |
| **NFC Forum Type** | NFC Forum type 2 |

## More images