

Product number: 68433

# NFC Sticker PET - 30 mm - NTAG213 - 180 Byte - transparent



## Product information

The transparent sticker made of PET can be easily applied to all smooth surfaces and is particularly suitable for marketing campaigns and identification due to its robustness.

## Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- 30 mm diameter
- 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 transparent NFC sticker is made of PET. The material is therefore conditionally waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a diameter of 30 mm and a material thickness of 0.11 mm. The antenna is visible from the outside, because the sticker is transparent. The chipset of the sticker is compatible with all current NFC-enabled smartphones.

### NFC chip

The self-adhesive 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 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

## Product properties

|                                   |   |
|-----------------------------------|---|
| <b>Product number</b>             | 68433                                     |
| <b>Memory</b>                     | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| <b>Frequency</b>                  | 13.56 MHz                                 |
| <b>Chip</b>                       | NXP NTAG213                               |
| <b>Detail colour</b>              | transparent                               |
| <b>Colour category</b>            | transparent                               |
| <b>Data transfer rates</b>        | 106 kbit/s                                |
| <b>Dimensions</b>                 | 30 mm Ø                                   |
| <b>Storage temperature</b>        | Min -55°C - Max +125°C                    |
| <b>Type</b>                       | Sticker                                   |
| <b>Chip standards / ISO Norm</b>  | ISO 14 443-3 A, ISO 14 443-2 A            |
| <b>Operating temperature</b>      | Min -25°C - Max +70°C                     |
| <b>Data retention</b>             | 10 years                                  |
| <b>Number of write operations</b> | 100.000 times                             |
| <b>Material</b>                   | PET                                       |
| <b>Product form</b>               | round                                     |
| <b>Compatibility</b>              | to NFC-enabled smartphones: 100%          |
| <b>Weight</b>                     | 1 g                                       |
| <b>Further links</b>              | <a href="#">ntag</a>                      |
| <b>Adhesive layer</b>             | Yes                                       |
| <b>Material thickness</b>         | 0,11 mm (T)                               |
| <b>Antenna</b>                    | Aluminium                                 |

**NFC Forum Type**

NFC Forum type 2

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