Product number: 68999

# NFC Sticker On-Metal - 22 mm - NTAG213 - 180 Byte - purple with logo | purple



## Product information

The purple PET sticker with a diameter of 22 mm is especially suitable for the inventory of metallic objects due to the integrated NTAG213 chipset and the on-metal feature. It is also the used in marketing campaigns where the sticker has to be applied to a metal surface.

## Short description

- PET material, flexible, self-adhesive
- Suitable for metallic/conductive surfaces
- 22 mm diameter
- Application indoor, partly also outdoor
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The surface material of the purple NFC sticker is made of PET. The material is therefore partly waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a diameter of 22 mm and a material thickness of 0.55 mm. The 3M adhesive 467 MP 200 MP Adhensive gives the sticker a high adhesive strength. This NFC on-metal sticker is compatible with all NFC-enabled smartphones.

### NFC chip

The self-adhesive PET sticker features 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

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|---|---|
| **Product number** | 68999 |
| **Memory** | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| **Available colours** | green , grey , black , blue , red , orange , white |
| **Weight** | 0,38 g |
| **Sticker thickness** | 0,55mm (+/-0,05 mm) |
| **Frequency** | 13.56 MHz |
| **Antenna** | FPC , Aluminium |
| **Material thickness** | 0,55 mm (T) |
| **Ambient temperature** | -25 to 70 degrees |
| **Chip** | NXP NTAG213 |
| **Data transfer rates** | 106 kbit/s |
| **Detail colour** | purple |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Type** | Sticker |
| **Antenna format** | 18 mm |
| **Chip standards / ISO Norm** | ISO 14 443-3 A , ISO 14 443-2 A |
| **On-metal** | on metal |
| **Colour category** | violet |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |
| **Dimensions** | 22 mm Ø |

| | |
|---|---|
| **Carrier layer** | 30 x 30 mm |
| **Material** | PET |
| **Product form** | round |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Further links** | ntag |
| **Adhesive layer** | Yes |
| **NFC Forum Type** | NFC Forum type 2 |
| **Delivery options** | single |
| **On metal layer** | 0,2 mm |

## More images



