Product number: 68702UN1

# NFC Sticker PVC On-Metal printed - 19 x 19 mm - NTAG213 - 180 Byte - white | printed on one side




## Product information

The white PVC On-Metal Sticker is the right choice for those who need a plain sticker for metallic surfaces. This sticker's characteristic makes it particularly suitable for inventorying metallic objects, as well as for use in marketing campaigns where the sticker needs to be applied to a metallic surface.

## Short description

- PVC material, rigid, 3M adhesive surface
- Suitable for metallic/conductive surfaces
- Format: 19 x 19 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)
- Printed on one side
- 4-color printable
- Print finish: satin

## Product description

### NFC product

The surface material of the white NFC sticker is made of PVC. The material is therefore waterproof, so that the sticker can withstand moisture. The square sticker has a length as well as a width of 19 mm and a material thickness of approx. 1.17 mm. The antenna is easily visible from the outside because the sticker is white. The chipset of the sticker is compatible with all current NFC-enabled smartphones.

### Print

Our products are printed using a process that offers high resolution, colour accuracy and durability. This makes it possible to display images in photorealistic quality or to print even tiny font sizes legibly. This environmentally friendly technology enables us to personalise your products on one or both sides and add logos, images, text or other designs from a wide range of colours. The applied colour layer is abrasion-resistant and resistant to water, sunlight and chemicals.

For your desired design, simply download our suitable print template and provide us with your desired print layout conveniently via our configurator.

## NFC chip

The white PVC 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), of which 137 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG213 has the UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which increases automatically when reading. Both functions are not activated by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

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

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Do you need higher quantities?

Contact us

# Product properties

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|---|---|
| **Product number** | 68702UN1 |
| **Adhesive layer** | Yes (3M) |
| **Memory** | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| **Functions** | Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable |
| **Detail colour** | white |
| **Frequency** | 13.56 MHz |
| **Sticker thickness** | 1,2 mm (+/-0,05 mm) |
| **On metal layer** | 0,3 mm |
| **Chip** | NXP NTAG213 |
| **Data transfer rates** | 106 kbit/s |
| **Material** | PVC |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Type** | Sticker |
| **Dimensions** | 19 x 19 mm (W x H) |
| **UID imprint** | Yes |
| **Chip standards / ISO Norm** | ISO 14 443-3 A , ISO 14 443-2 A |
| **On-metal** | on metal |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |

| | |
|---|---|
| **Colour category** | white |
| **Antenna format** | 15 x 15 mm |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Weight** | 1 g |
| **Available colours** | white |
| **Further links** | ntag |
| **Product form** | square |
| **Antenna** | Copper |
| **NFC Forum Type** | NFC Forum type 2 |
| **Carrier layer** | 19 x 19 mm |
| **Water resistance** | waterproof (IP67) |

## More images





