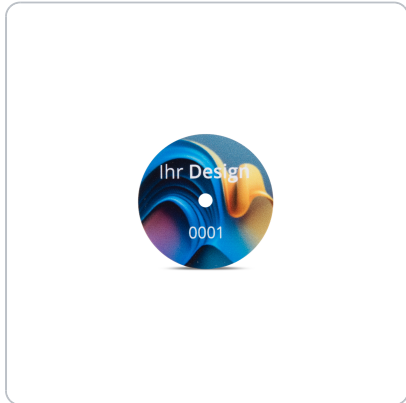


Product number: 68592UN1

# NFC Sticker PVC printed - On-Metal - 30 mm - NTAG213 - 180 Byte - white - with perforation | printed on one side



## Product information

The robust NFC sticker made of PVC with a perforation in the middle is often used for object protection or product identification in outdoor areas, especially on metallic surfaces, due to its water resistance and on-metal properties.

## Short description

- PVC material, rigid, 3M adhesive surface
- suitable for metallic/conductive surfaces
- Diameter: 30 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 on-metal sticker is made of waterproof PVC and has an additional layer that ensures perfect NFC function on metallic surfaces. The back has a 3M adhesive layer that provides the necessary adhesive strength. The sticker has a diameter of 30 mm and a material thickness of 1.10 mm. The perforation in the middle has a diameter of 3 mm. The invisibly integrated NFC chip is compatible with all 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

|                           |   |
|---------------------------|---|
| Product number            | 68592UN1  |
| Adhesive layer            | Yes (3M)  |
| Memory                    | 180 Byte (free: 144 Byte, NDEF: 137 Byte)   |
| Type                      | Coin (Sticker)  |
| Weight                    | 1,6 g   |
| 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  |
| Ambient temperature       | -25 to 70 degrees   |
| Chip                      | NXP NTAG213   |
| Data transfer rates       | 106 kbit/s  |
| Dimensions                | 30 mm Ø   |
| Material                  | PVC   |
| Storage temperature       | Min -55°C - Max +125°C  |
| 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  |

|                                   |                                  |
|-----------------------------------|----------------------------------|
| <b>Antenna format</b>             | 23 mm                            |
| <b>Number of write operations</b> | 100.000 times                    |
| <b>Colour category</b>            | white                            |
| <b>Carrier layer</b>              | 30 mm                            |
| <b>Product form</b>               | round                            |
| <b>Compatibility</b>              | to NFC-enabled smartphones: 100% |
| <b>Available colours</b>          | white                            |
| <b>Further links</b>              | ntag                             |
| <b>Antenna</b>                    | Copper                           |
| <b>NFC Forum Type</b>             | NFC Forum type 2                 |
| <b>Material thickness</b>         | 1,3 mm (T)                       |
| <b>Water resistance</b>           | waterproof (IP67)                |

## More images

