

Product number: 68772

# NFC Sticker PVC - 28 mm - NTAG213 - 180 Byte - white - with perforation



## coe-datasheet-sw6.pdf.productInformation

The 28 mm NFC PVC sticker, which has a 3 mm perforation and a 3M adhesive layer, is extremely robust due to its material, making it very suitable for outdoor use for object protection or product identification.

## Short description

- PVC material, rigid, self-adhesive
- not suitable for metallic/conductive surfaces
- 28 mm diameter
- Indoor and outdoor use
- Ambient temperature from -25 to + 70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The white PVC sticker with perforation is made of PVC and is therefore waterproof. The back of the sticker/coin has a 3M adhesive layer, which also ensures good adhesion. The sticker has a diameter of 28 mm and a material thickness of approx. 1.00 mm. The perforation has a diameter of 3 mm. The NFC microchip is invisibly integrated in the sticker and can withstand temperatures between -25 °C and 70 °C. This article is compatible with all NFC-enabled smartphones.

### NFC chip

The self-adhesive 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), 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

Product number	68772
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Detail colour	white
Frequency	13.56 MHz
Chip	NXP NTAG213
Dimensions	28 mm Ø
Data transfer rates	106 kbit/s
Material	PVC
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
UID imprint	Yes
Chip standards / ISO Norm	ISO 14 443-3 A, ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Further links	ntag
Adhesive layer	Yes
Antenna	Aluminium

<b>NFC Forum Type</b>	NFC Forum type 2
<b>Water resistance</b>	waterproof (IP67)

## More images

