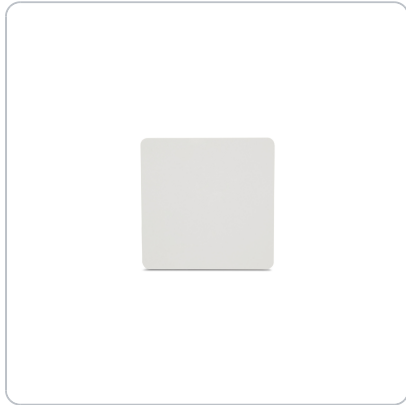


Product number: 17079

# NFC Sticker PVC - 30 x 30 mm - NTAG213 - 180 byte - white



## coe-datasheet-sw6.pdf.productInformation

With a format of 30 x 30 mm, the PVC sticker is a rather plain and inconspicuous variant and can be ideally attached to products and objects thanks to its 3M adhesive layer. Its outer material ensures that the sticker is water-repellent and dust-proof, which makes it particularly suitable for product identification as well as the protection of objects.

## Short description

- PVC material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- size: 30 x 30 mm
- Indoor and 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 white NFC sticker is made of PVC. This makes the material water repellent, so the sticker can withstand moisture. The square sticker has both a length and width of 30 mm and a material thickness of approximately 1.17 mm. It is also equipped with a 3M adhesive layer on the back. Its white outer material makes the antenna easily visible. The chipset of the sticker is compatible with all popular 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), of which usable memory in the NDEF is 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	17079
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
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Material	PVC
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
Dimensions	30 x 30 mm (W x H)
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
Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g
Available colours	white

<b>Antenna</b>	Aluminium
<b>Product form</b>	square
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Water resistance</b>	waterproof (IP67)

## More images

