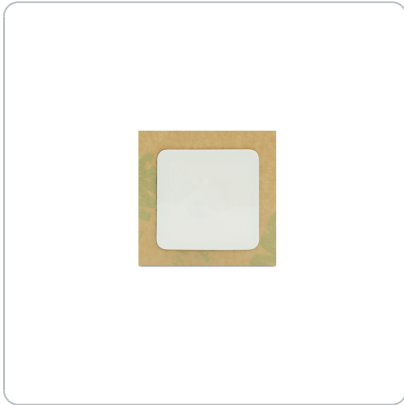


Product number: 68411

# NFC Sticker PET On-Metal - 19 x 19 mm - NTAG213 - 180 Byte - white | white



## Product information

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

## Short description

- PET material, flexible, self-adhesive
- suitable for metallic/conductive surfaces
- Format: 19 x 19 mm
- Application indoor, conditionally also outdoor
- Ambient temperature from -25 to +70 degrees
- NXP NATG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The surface material of the white NFC sticker is made of PET. The material is therefore conditionally waterproof, so that the sticker can withstand moisture even in moderation. The square sticker has a length as well as a width of 19 mm and a material thickness of 0.54 mm. The antenna is easily visible from the outside because the sticker is white. The sticker's chipset is compatible with all popular NFC-enabled smartphones.

### NFC chip

The self-adhesive PET 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 byte
- Free memory: 144 byte
- Usable memory NDEF: 137 byte

## Product properties

<b>Product number</b>	68411
<b>Adhesive layer</b>	Yes (3M)
<b>Memory</b>	180 Byte (free: 144 Byte, NDEF: 137 Byte)
<b>Functions</b>	Write protection, UID ASCII Mirror, 32-bit Password, 24-bit Counter, ASCII Mirror, 7 Byte UID, ECC-based original signature, true anticollision, rewritable
<b>Sticker thickness</b>	0,55mm (+/-0,05 mm)
<b>Detail colour</b>	white
<b>Frequency</b>	13.56 MHz
<b>Ambient temperature</b>	-25 to 70 degrees
<b>Weight</b>	0,35 g
<b>Chip</b>	NXP NTAG213
<b>Data transfer rates</b>	106 kbit/s
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Type</b>	Sticker
<b>Material thickness</b>	0,45 mm (T)
<b>Dimensions</b>	19 x 19 mm (W x H)
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<b>On-metal</b>	on metal
<b>Operating temperature</b>	Min -25°C - Max +70°C
<b>Data retention</b>	10 years

<b>Number of write operations</b>	100.000 times
<b>Colour category</b>	white
<b>Antenna format</b>	15 x 15 mm
<b>Product form</b>	rectangular
<b>Carrier layer</b>	30 x 30 mm
<b>Material</b>	PET
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Available colours</b>	white
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Delivery options</b>	single
<b>On metal layer</b>	0,2 mm

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