

Product number: 17114UN1

# NFC card metal/PVC printed on one side - 85.6 x 54 mm - NTAG213 - 180 byte - black matt | printed on one side | black



## coe-datasheet-sw6.pdf.productInformation

The NFC metal card in black combines elegance with functionality. Its high-quality design made of durable metal and the integrated NTAG213 chip make it ideal for various applications such as storing URLs, access control and check-in functions. Whether in sales or at trade fairs - this card leaves a lasting impression.

### Short description

- Metal/PVC, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature from -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 NFC metal card has the typical cheque card format of 85,6 x 54 mm with a material thickness of 1,20 mm. On the front of the metal card there is a thin PVC coating measuring 82 x 51 mm, behind which there is an on-metal layer. This is necessary to ensure the NFC function, as metal normally blocks the NFC signal. To ensure a harmonious appearance, the PVC layer is printed in the same color as the metal card. The NFC metal card is water-repellent and robust and therefore very durable.

#### 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 metal NFC card 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

---

Do you need higher quantities?

[Contact us](#)

## Product properties

<b>Product number</b>	17114UN1
<b>Available colours</b>	silver, black, gold
<b>Dimensions</b>	85 x 54 mm (W x H)
<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>Frequency</b>	13.56 MHz
<b>Chip</b>	NXP NTAG213
<b>Material</b>	Metal, PVC
<b>Data transfer rates</b>	106 kbit/s
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<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>Detail colour</b>	black
<b>Product form</b>	rectangular
<b>Colour category</b>	black
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Material thickness</b>	1,2 mm (T)
<b>Antenna</b>	Aluminium

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

## More images

