

Product number: 68197UN1

# NFC card PVC printed one side - 85,6 x 54 mm - NTAG213 - 180 Byte - transparent | printed on one side



## Product information

The transparent NFC card combines the waterproof PVC material with the NTAG213 chip. This enables functions such as check-in, time recording, access control and the execution of applications and apps.

## Short description

- PVC material, rigid
- Format 85,6 x 54 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 NFC card is made of PVC and has a format of 85.6 x 54 mm with a material thickness of 0.86 mm. The transparency of the card means that the antenna is visible, which is an additional eye-catcher. Thanks to its typical cheque card format, it fits easily into standard wallet compartments for cards. The PVC material of the card is waterproof and is therefore ideal for both indoor and outdoor use.

### 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 NFC card made of PVC 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 Byte

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Do you need higher quantities?

[Contact us](#)

## Product properties

<b>Product number</b>	68197UN1
<b>Weight</b>	6,1 g
<b>Dimensions</b>	85 x 54 mm (W x H)
<b>Memory</b>	180 Byte (free: 144 Byte, NDEF: 137 Byte)
<b>Frequency</b>	13.56 MHz
<b>Ambient temperature</b>	-25 to 70 degrees
<b>Chip</b>	NXP NTAG213
<b>Detail colour</b>	transparent
<b>Colour category</b>	transparent
<b>Data transfer rates</b>	106 kbit/s
<b>Material</b>	PVC
<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>Product form</b>	rectangular
<b>Material thickness</b>	0,86 mm (T)
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>NFC Forum Type</b>	NFC Forum type 2

<b>Type</b>	Card
<b>Adhesive layer</b>	No
<b>Water resistance</b>	waterproof (IP67)

## More images