

Product number: 68910

# NFC tag polyamide - 45 x 30 mm - NTAG213 - 180 byte - blue | blue



## Product information

Due to its waterproof material and its distinct temperature resistance, the robust NFC tag polyamide is often used in the industrial sector, e.g. for access control in indoor and outdoor areas. Due to its attractive, clear design, it fits well into any key ring.

## Short description

- Polyamide material, rigid
- Format 45 x 35 mm, oval
- Place of use indoor and outdoor
- Ambient temperature from -25 to +85 degrees
- NXP NTAG 213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The NFC tag is made of blue polyamide material and has a format of 45 x 35 mm with a material thickness of 2.3 mm. Due to the robust plastic material, the polyamide tag is waterproof and is therefore ideal for both indoor and outdoor use.

### NFC chip

The NFC tag 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

<b>Product number</b>	68910
<b>Memory</b>	180 Byte (free: 144 Byte, NDEF: 137 Byte)
<b>Material</b>	Polyamid (PA6)
<b>Available colours</b>	green, black, blue, orange, dark blue
<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>Water resistance</b>	waterproof (IP68)
<b>Frequency</b>	13.56 MHz
<b>Weight</b>	3,3 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>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<b>Detail colour</b>	blue
<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>Antenna format</b>	24 mm
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Material thickness</b>	2,4 mm (T)

<b>Product form</b>	oval
<b>Dimensions</b>	45 x 30 mm (W x H)
<b>Colour category</b>	blue
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Type</b>	Keyfob
<b>Antenna</b>	PCB with copper etching
<b>Delivery options</b>	single

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