

Product number: 68908

# NFC cable tie PVC - loop length 255 x 8 mm - NTAG213 - 180 byte - black



## Product information

The black reusable NFC cable tie can be used for various applications. It is particularly suitable for identifying objects such as bicycles.

## Short description

- PVC material, flexible
- not suitable for metallic/conductive surfaces
- loop length: 255 x 8 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 black NFC cable tie is made of PVC and is therefore weather resistant. The total loop length is 280mm. Of this, 255mm can be snapped in. The width is 8mm. At the end of the loop is the body. This has a dimension of 78 x 28 x 3 mm.

### NFC chip

The NFC cable tie 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>	68908
<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>Available colours</b>	black
<b>Chip</b>	NXP NTAG213
<b>Data transfer rates</b>	106 kbit/s
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>UID imprint</b>	Yes
<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>Colour category</b>	black
<b>Material</b>	ABS
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>Type</b>	Cable binder

<b>NFC Forum Type</b>	NFC Forum type 2
<b>Adhesive layer</b>	No
<b>Water resistance</b>	waterproof (IP67)

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