

Product number: 17104

# NFC keyfob bamboo - 30 mm - NTAG 213 - 180 byte - wood look



## Product information

Our NFC Bamboo Keyfob is recommended for those who are looking for an eco-friendly and high quality NFC keychain. The integrated NTAG213 chipset is compatible with all NFC-enabled smartphones and is widely used for storing URLs or other short information.

## Short Description

- Bamboo material
- Format: 30 mm, round
- Indoor use, conditionally also outdoor use
- NXP NTAG213 (NTAG213)- 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The NFC tag is made of bamboo and has a smooth, high-quality surface, which is visually very appealing due to its wood look. In addition, bamboo is a sustainable resource that grows back quickly, making it more environmentally friendly than other materials. The bamboo pendant has a diameter of 30 mm with a material thickness of 1.3 mm and is very light because of its material. For indoor use, the keychain is very suitable, for outdoor use only conditionally, because the bamboo material is only water repellent.

Please note: Our bamboo keyfobs are a natural product. Slight variations in color, texture, thickness, or feel are due to the material and do not constitute a quality defect. Rather, they emphasize the uniqueness of each individual product.

### NFC chip

The bamboo keyfob 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
- Usable memory: 144 bytes
- Usable memory NDEF: 137 byte

## Product properties

<b>Product number</b>	17104
<b>Memory</b>	180 Byte (free: 144 Byte, NDEF: 137 Byte)
<b>Detail colour</b>	brown
<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>Material</b>	Bamboo, Wood
<b>Antenna format</b>	25 mm
<b>Chip</b>	NXP NTAG213
<b>Data transfer rates</b>	106 kbit/s
<b>Dimensions</b>	30 mm Ø
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Colour category</b>	braun
<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>Product form</b>	round
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Further links</b>	ntag
<b>Antenna</b>	Aluminium
<b>Weight</b>	2 g

<b>Available colours</b>	light brown
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Type</b>	Keyfob
<b>Material thickness</b>	1,3 mm (T)
<b>Delivery options</b>	single

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