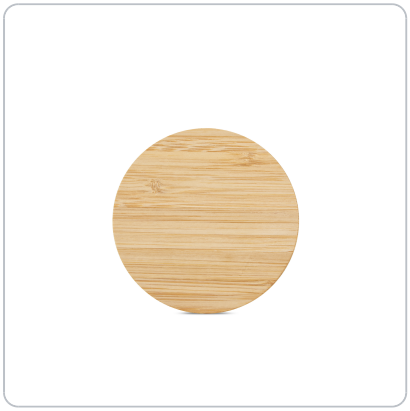
Product number: 17178

NFC plate bamboo - 75 mm - NTAG213 - 180 byte - wood look | without print



Product information

Thanks to its size and robust material, the NFC plate is suitable for a wide range of applications. From rating buttons to information signs, there are no limits to the ideas. With the NXP NTAG213 chip and 180 bytes of memory, it offers optimum functionality and sufficient memory for a URL that links to the desired destination. Made from the renewable raw material bamboo, it combines environmentally conscious design with modern technology.

Short description

- Bamboo material, rigid
- Diameter: 75 mm
- Indoor use, limited outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

Product description

NFC product

The NFC plate is made of bamboo and is characterized by its natural wood look. With a diameter of 75 mm and a material thickness of 1.4 mm, it is large enough to display information clearly, but still handy. The bamboo sign is particularly suitable for indoor use, while outdoor use is rather limited due to the material's limited water resistance.

NFC chip

The NFC plate 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 is automatically incremented during readout. Both functions are not activated by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

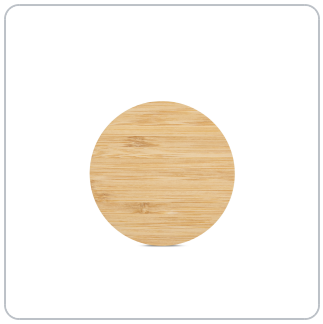
- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 bytes

Do you need higher quantities?

Contact us

Product properties

Product number	17178
Type	Plate
Dimensions	75 mm Ø
Weight	4,7 g
Material thickness	1,4 mm (T)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Detail colour	brown
Frequency	13.56 MHz
Material	Bamboo
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Colour category	braun
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2

Adhesive layer	No

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