Product number: 68946

NFC button resin - 22 mm - NTAG215 - 540 byte - white



Product information

With our NFC buttons we offer the possibility to digitize garments and textiles. With a diameter of 22 mm, these buttons can be ideally used for jackets, coats or other textiles, such as pillowcases. With the built-in NTAG215 chip, these buttons offer enough memory to store a digital business card, a URL, or information about the handling of the garment.

Short description

- Synthetic resin, rigid
- not suitable for metallic/conductive surfaces
- 22 mm diameter
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG215 (NTAG215) - 540 Byte (NDEF: 480 Byte)

Product description

NFC product

The white 4-hole NFC button is made of synthetic resin and has a diameter of 22.80 mm with a height of 4.45 mm. The NFC button can be washed without any problems in all common washing programs. Due to its size it is especially suitable for jackets and coats. NFC is engraved on the front of the button. This product is compatible with all NFC-enabled smartphones.

NFC chip

The resin button is equipped with the original NXP NTAG215, which occupies the mid-range in the NTAG21x series and is a good compromise between memory size and cost. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG215 has a total capacity of 540 bytes (free memory 504 bytes), of which usable memory in the NDEF is 480 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 NTAG215 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 NTAG215 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 540 bytes
- Free memory: 504 bytes
- Usable memory NDEF: 480 bytes

Product properties

Product number	68946
Chip	NXP NTAG215
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Water resistance	waterproof (IP68)
Detail colour	white
Frequency	13.56 MHz
Memory	540 Byte (free: 504 Byte, NDEF: 480 Byte)
Storage temperature	Min -55°C - Max +125°C
UID imprint	Yes
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
Colour category	white
Dimensions	22 mm Ø
Material	Synthetic resin
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Further links	ntag

Type	Button
Antenna	Aluminium
Weight	2 g
NFC Forum Type	NFC Forum type 2
Adhesive layer	No

More images





