Product number: 68944

NFC button resin - 15 mm - NTAG215 - 540 byte - white | white



Product information

With our NFC buttons we offer the possibility to digitize garments and textiles. With a diameter of 15.15 mm, these buttons can be ideally used for shirts, polo shirts or other textiles such as pillowcases. With the built-in NTAG215 chip, these buttons provide enough memory to store a digital business card, URL, or garment handling information.

Short description

- Synthetic resin, rigid
- not suitable for metallic/conductive surfaces
- 15 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 15.15 mm with a height of 2.95 mm. The NFC button can be washed without any problems in all common washing programs. Due to its size it is especially suitable for shirts, blouses or polo shirts. 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 byte
- Free memory: 504 byte
- Usable memory NDEF: 480 byte

Product properties

Product number	68944
Weight	0.02kg
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)
Data transfer rates	106 kbit/s
Weight incl. carrier layer	2 g
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Material	Synthetic resin
Compatibility	to NFC-enabled smartphones: 100% , to NFC locking systems: limited (chipset must be supported by the manufacturer)
Available colours	white
Further links	ntag
Type	Button
Material thickness	2,95 mm (T)
Adhesive layer	No

More images





