Product number: 68543

NFC Tag Epoxy - 30 mm - NTAG215 - 540 Byte - blue | blue

Product information

The encasing epoxy layer not only results in a rugged and waterproof product, but also a high quality looking fob to adorn any keychain. The NTAG215 offers enough storage space to implement many common scenarios. For example, the epoxy fob is popular for employee time tracking or access control.

Short description

- PVC material with resin layer (epoxy), rigid
- Format 30 mm, round
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG 215 (NTAG215) - 540 Byte (NDEF: 480 Byte)

Product description

NFC product

The NFC tag is made of blue PVC material covered by an additional resin layer (epoxy) with a diameter of 30 mm and a material thickness of 4 mm. Due to the combination of two materials, the epoxy tag is waterproof and is therefore ideal for indoor and outdoor use. Through the associated loop, the trailer can be attached with ease.

NFC chip

The Epoxy tag 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	68543
Chip	NXP NTAG215
Material thickness	3,5 mm (T)
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Frequency	13.56 MHz
Antenna format	25 mm
Memory	540 Byte (free: 504 Byte, NDEF: 480 Byte)
Dimensions	33,5 x 30 mm (W x H)
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Detail colour	blue
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Material	PVC + Epoxy
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Weight	3 g

Colour category	blue
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Delivery options	single
Water resistance	waterproof (IP67)

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