Product number: 68541

NFC Tag Epoxy - 30 mm - NTAG213 - 180 Byte - black | black



Product information

The encapsulating epoxy layer not only results in a robust and waterproof product, but also in a high-quality looking fob that will adorn any key ring. The integrated NTAG213 guarantees that the tag can be read by all NFC-enabled smartphones and offers enough storage space for URLs or other short information.

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 213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The NFC tag is made of black 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 accompanying loop, the pendant can be attached with ease.

NFC chip

The Epoxy tag 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), thereof usable memory in the NDEF 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
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68541
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Material thickness	3,5 mm (T)
Available colours	green , grey , black , blue , red
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
Dimensions	33,5 x 30 mm (W x H)
Chip	NXP NTAG213
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
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Detail colour	black
Material	PVC + Epoxy
Colour category	black
Product form	round
Refinement	Epoxy

Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Weight	3 g
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Delivery options	single
Water resistance	waterproof (IP67)

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