Product number: 68800

NFC Tag Epoxy - 30 mm - NTAG216 - 924 Byte - green | green



Product information

The encasing epoxy layer not only results in a robust and waterproof product, but also a high quality looking fob that will adorn any keychain. The NTAG216 offers enough storage space to implement all common scenarios. This product is popular in the context of trade fairs, e.g. as a digital ID card or giveaway.

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 216 (NTAG216) - 924 Byte (NDEF: 868 Byte)

Product description

NFC product

The NFC tag is made of green PVC material covered by an additional resin layer (epoxy) with a diameter of 30 mm and a material thickness of 4 mm. The combination of two materials makes the epoxy tag waterproof and 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 NTAG216, which is the largest memory available in the NTAG21x series to date. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG216 has a total capacity of 924 bytes (free memory 888 bytes), of which usable memory in the NDEF is 868 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 NTAG216 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 NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 924 bytes
- Free memory: 888 bytes
- Usable memory NDEF: 868 bytes

Product properties

Product number	68800
Chip	NXP NTAG216
Material thickness	3,5 mm (T)
Available colours	green , grey , black , blue , red , orange
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
Detail colour	green
Antenna format	25 mm
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
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	green
Material	PVC + Epoxy
Product form	round
Refinement	Epoxy
Compatibility	to NFC-enabled smartphones: 100%

Further links	ntag
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Delivery options	single
Water resistance	waterproof (IP67)
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

More images





