Product number: 68476U

NFC tag ABS - 40 x 32 mm - NTAG216 - 924 byte - blue - printed | NXP NTAG216 | blue

Product information

We print our plastic tags using modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This custom printable NFC tag features the waterproof material and its distinct temperature resistance. For your desired design, simply download our matching print template and provide us with your desired print layout conveniently via our configurator.

Short description

- ABS material, plastic, rigid
- Format: 40 x 32 mm, oval
- One-sided printing on the tag
- 4-color printable
- NFC chip: NXP NTAG216 - 924 byte (NDEF: 868 byte)
- **Note**: Key rings are enclosed separately

Product description

NFC product

The NFC tag is made of a robust and waterproof ABS material and has a format of 40 x 32 mm with a material thickness of 4.3 mm. The integrated NTAG216 chipset offers enough memory to implement all common scenarios. This product is particularly popular for employee time recording or access control in industry.

Print

Our tags are printed using the modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This makes it possible to display images in photo-realistic quality or print tiny font sizes in a legible manner. This environmentally friendly technology allows us to personalize your products on one or both sides, adding logos, images, text or other designs from a wide range of colors. The applied ink layer is abrasion resistant as well as resistant to water, sunlight and chemicals.

For your individual desired design, please download our matching print template and provide us with your desired print layout conveniently via our configurator.

NFC chip

The ABS tag is equipped with the original NXP NTAG216, which offers 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	68476U
Chip	NXP NTAG216
Antenna format	22 mm
Available colours	dark green , green , grey , black , blue , red , orange , white
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	4,3 mm (T)
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
Weight	4 g
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Product form	oval
Colour category	blue

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)

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