

Product number: 17327U

# NFC tag ABS - 40 x 32 mm - NTAG216 - 924 byte - light blue - printed | NXP NTAG216 | light 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
- printing on one or both sides of 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.

**Note:** One-sided printing is included in the product price. There is an additional one-time setup fee for setting up a custom print.

For your individual desired design, please download our matching [print template](#) (link) 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

<b>Product number</b>	17327U
<b>Chip</b>	NXP NTAG216
<b>Antenna format</b>	22 mm
<b>Available colours</b>	dark green, green, grey, black, blue, red, orange, white
<b>Functions</b>	Write protection, UID ASCII Mirror, 32-bit Password, 24-bit Counter, ASCII Mirror, 7 Byte UID, ECC-based original signature, true anticollision, rewritable
<b>Dimensions</b>	40 x 32 mm (W x H)
<b>Frequency</b>	13.56 MHz
<b>Material thickness</b>	4,3 mm (T)
<b>Data transfer rates</b>	106 kbit/s
<b>Detail colour</b>	light blue
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A, ISO 14 443-2 A
<b>Operating temperature</b>	Min -25°C - Max +70°C
<b>Data retention</b>	10 years
<b>Number of write operations</b>	100.000 times
<b>Weight</b>	4 g
<b>Material</b>	ABS
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Product form</b>	oval
<b>Colour category</b>	blue

<b>Antenna</b>	Copper
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Type</b>	Keyfob
<b>Delivery options</b>	single
<b>Water resistance</b>	waterproof (IP67)
<b>Memory</b>	924 Byte (free: 888 Byte, NDEF: 868 Byte)

## More images