Product number: 17077

# NFC card PVC - 85,6 x 54 mm - NTAG216 - 924 Byte - dark blue matt | dark blue



## Product information

The PVC NFC card combines waterproof PVC material with the NXP NTAG216 chip. The NTAG216 offers enough memory to implement all common scenarios. This product is particularly popular for employee time recording, access control at trade fairs or as a digital business card. You also have the option of having your logo printed on the card.

## Short description

- PVC material, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 bytes (NDEF: 868 bytes)
- Printable with your logo

## Product description

### NFC product

The NFC card is made of PVC and has a format of 85.6 x 54 mm with a material thickness of 0.86 mm. It has a matt surface and fits easily into standard wallet compartments for cards thanks to its typical credit card format. The PVC material of the card is waterproof and is therefore ideal for indoor and outdoor use. The card is pre-printed in the color dark blue (Pantone 541C). The card core and therefore also the card edges are white.

### NFC chip

The PVC NFC card is equipped with the original NXP NTAG216, which to date offers the largest available memory space in the NTAG21x series. 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 868 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG216 has the

UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which is automatically incremented during readout. Both functions are not activated by default. The NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

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

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Do you need higher quantities?

Contact us

# Product properties

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|---|---|
| **Product number** | 17077 |
| **Chip** | NXP NTAG216 |
| **Weight** | 6,1 g |
| **Dimensions** | 85 x 54 mm (W x H) |
| **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 |
| **Ambient temperature** | -25 to 70 degrees |
| **Detail colour** | dark blue matt |
| **Data transfer rates** | 106 kbit/s |
| **Material** | PVC |
| **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 |
| **Product form** | rectangular |
| **Material thickness** | 0,86 mm (T) |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Further links** | ntag |

| | |
|---|---|
| **Antenna** | Aluminium |
| **Colour category** | blue |
| **NFC Forum Type** | NFC Forum type 2 |
| **Type** | Card |
| **Adhesive layer** | No |
| **Water resistance** | waterproof (IP67) |
| **Memory** | 924 Byte (free: 888 Byte, NDEF: 868 Byte) |

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