Product number: 68547

# NFC Tag ABS - 40 x 32 mm - NTAG215 - 540 Byte - blue | blue



## Product information

The NFC fob is made of robust ABS material and is ideal for use in the industrial sector, for example for access control on construction sites or for employee time recording. It is designed for both indoor and outdoor applications and offers a wide range of possible applications thanks to the integrated NXP NTAG215 chip.

## Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG215 (NTAG215) - 540 bytes (NDEF: 480 bytes)

## Product description

### NFC product

The NFC fob is made of ABS material and measures 40 x 32 mm with a material thickness of 4.3 mm. It is equipped with a metal ring that makes it easy to attach to lanyards. The NFC fob is waterproof and is therefore suitable for both indoor and outdoor use.

### NFC chip

The NFC fob is equipped with the original NXP NTAG215, which occupies the midfield in the NTAG21x series and represents a good compromise between memory size and cost. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG215 has a total capacity of 540 bytes (free memory 504 bytes), of which 480 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 NTAG215 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 increases automatically when reading. Both functions are not activated by default. The NTAG215 is compatible with

all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 540 bytes
- Free memory: 504 bytes
- Usable memory NDEF: 480 bytes

# Product properties

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|---|---|
| **Product number** | 68547 |
| **Chip** | NXP NTAG215 |
| **Antenna format** | 22 mm |
| **Functions** | Write protection , 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 |
| **Memory** | 540 Byte (free: 504 Byte, NDEF: 480 Byte) |
| **Material thickness** | 3,6 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% |
| **Further links** | ntag |
| **Water resistance** | waterproof |

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|---|---|
| **Product form** | oval |
| **Colour category** | blue |
| **Antenna** | Copper |
| **NFC Forum Type** | NFC Forum type 2 |
| **Type** | Keyfob |
| **Delivery options** | single |

## More images





