Product number: 68034

# NFC Magnet PET - 30 mm - NTAG215 - 540 Byte - grey | grey




## Product information

Due to its material property (magnet), the built-in NFC chip, this product is particularly suitable for attaching product labels and operating instructions to metallic surfaces.

## Short description

- PET material, flexible
- suitable for metallic/conductive surfaces
- size 30 x 30 mm, square
- Indoor and outdoor use
- Ambient temperature from -25 to 70 degrees
- NFC Chip NXP NTAG215 (540 Byte, NDEF: 480 Byte)

## Product description

### NFC product

This NFC magnet is made of grey PET material and has a diameter of 30 x 30 mm with a material thickness of 1.10 mm. Due to its flexible design, it can be attached to smooth and curved surfaces. The magnet adheres to all metallic surfaces and can be removed easily at any time. Due to an additional layer, the PET magnet is waterproof and also works perfectly on metallic surfaces. Thus, the magnet is suitable for both indoor and outdoor use. NFC magnets in smaller shape and with a hole in the middle to attach clothing, we carry in the category NFC On-Metal.

### NFC chip

The magnet is equipped with the original NXP NTAG215, which occupies the midfield in the NTAG21x series and is 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 usable memory in the NDEF is 480 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 NTAG215 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 NTAG215 is compatible with all NFC-enabled

smartphones, the NFC21 tools and all ISO14443 terminals.

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

# Product properties

| | |
|---|---|
| **Product number** | 68034 |
| **Weight** | 0.03kg |
| **Chip** | NXP NTAG215 |
| **Available colours** | green , grey , blue |
| **Functions** | Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable |
| **Memory** | 540 Byte (free: 504 Byte, NDEF: 480 Byte) |
| **On metal layer** | 0,3 mm |
| **Detail colour** | grey |
| **Ambient temperature** | -25 to 70 degrees |
| **Data transfer rates** | 106 kbit/s |
| **Colour category** | grau |
| **Chip standards / ISO Norm** | ISO 14 443-3 A , ISO 14 443-2 A |
| **On-metal** | on metal |
| **Type** | Magnet |
| **Data retention** | 10 years |
| **Antenna format** | 23 mm |
| **Number of write operations** | 100.000 times |
| **Sticker thickness** | 1,5 mm (+/-0,05 mm) |
| **Material** | PET |
| **Compatibility** | to NFC-enabled smartphones: 100% |

| | |
|---|---|
| **Material thickness** | 1,10 mm (T) |
| **Further links** | ntag |
| **Antenna** | Aluminium |
| **Adhesive layer** | No |
| **Weight incl. carrier layer** | 3 g |

## More images

