Product number: 68431

NFC Sticker Epoxy - On-Metal - 30 mm - NTAG213 - 180 Byte - white | white



Product information

The white NFC sticker allows the use of NFC on metallic surfaces and is weather resistant due to its epoxy material, making it ideal for protecting objects or product identification.

Short description

- PET material, robust, self-adhesive
- suitable for metallic/conductive surfaces
- 30 mm diameter
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The white on-metal sticker has an epoxy layer and is therefore robust and waterproof. An additional layer ensures that the NFC function also works properly on metallic surfaces. The backside has a 3M adhesive layer, which gives the sticker the necessary adhesive strength. The sticker has a diameter of 30 mm and a material thickness of 2.15 mm. The NFC microchip is invisibly integrated in the sticker and withstands temperatures between -25 degrees and 70 degrees. This article is compatible with all NFC-enabled smartphones.

NFC chip

The self-adhesive PET sticker is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 bytes (free memory 144 bytes), thereof usable memory in the NDEF 137 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 NTAG213 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

NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 180 byte
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68431
Adhesive layer	Yes (3M)
Antenna format	22 mm
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Functions	Write protection , UID ASCII Mirror , 32-bit Password , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Detail colour	white
Frequency	13.56 MHz
Available colours	black , white
Weight	0,72 g
On metal layer	0,3 mm
Ambient temperature	-25 to 70 degrees
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Dimensions	30 mm Ø
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
Material thickness	0,46 mm (T)
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
On-metal	on metal
Operating temperature	Min -25°C - Max +70°C

Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Sticker thickness	2,4mm (+/-0,05mm)
Carrier layer	30 mm
Material	PET
Product form	round
Refinement	Epoxy
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Antenna	Aluminium , Copper
NFC Forum Type	NFC Forum type 2
Delivery options	single
Water resistance	waterproof (IP67)

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