Product number: 68592

NFC Sticker PVC - On-Metal - 30 mm - NTAG213 - 180 Byte - white - with perforation | without print



Product information

The robust NFC sticker made of PVC with a perforation in the middle is often used for object protection or product identification in outdoor areas, especially on metallic surfaces, due to its water resistance and on-metal properties.

Short description

- PVC material, rigid, 3M adhesive surface
- suitable for metallic/conductive surfaces
- Diameter: 30 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)

Product description

NFC product

The on-metal sticker is made of waterproof PVC and has an additional layer that ensures perfect NFC function on metallic surfaces. The back has a 3M adhesive layer that provides the necessary adhesive strength. The sticker has a diameter of 30 mm and a material thickness of 1.10 mm. The perforation in the middle has a diameter of 3 mm. The invisibly integrated NFC chip is compatible with all NFC-enabled smartphones.

NFC chip

The white PVC 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), of which 137 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 NTAG213 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 NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

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

Do you need higher quantities?

Contact us

Product properties

Product number	68592
Adhesive layer	Yes (3M)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Type	Coin (Sticker)
Weight	1,6 g
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
Detail colour	white
Frequency	13.56 MHz
Sticker thickness	1,2 mm (+/-0,05 mm)
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
Material	PVC
Storage temperature	Min -55°C - Max +125°C
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

Antenna format	23 mm
Number of write operations	100.000 times
Colour category	white
Carrier layer	30 mm
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Further links	ntag
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Material thickness	1,3 mm (T)
Water resistance	waterproof (IP67)

More images



