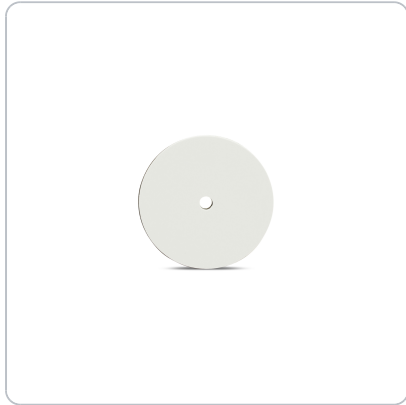


Product number: 68592

NFC Sticker PVC - On-Metal - 30 mm - NTAG213 - 180 Byte - white - with perforation



coe-datasheet-sw6.pdf.productInformation

The robust PVC sticker is often used for object protection or product identification outdoors due to its water resistance and on-metal property, especially when the substrate is metal.

Short description

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

Product description

NFC product

The white on-metal sticker with perforation is made of PVC and is therefore 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 1.10 mm. The perforation has a diameter of 3 mm. The NFC microchip is invisibly integrated in the sticker and can withstand temperatures between -25 °C and +70 °C. This article is compatible with all NFC-enabled smartphones.

NFC chip

The self-adhesive 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), 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 byte
- Usable memory NDEF: 137 byte

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

