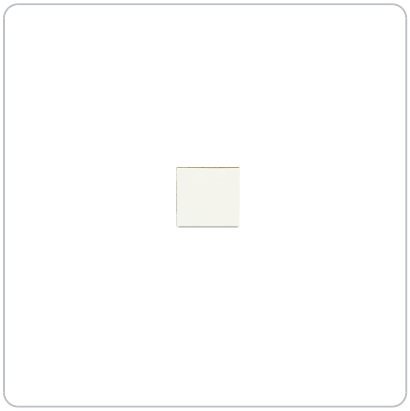
Product number: 68853

NFC Sticker PET On-Metal - 10 x 10 mm - NTAG213 - 180 Byte - white



Product information

The white PET On-Metal Sticker is the right choice for those who need a plain sticker for metallic surfaces. This sticker is particularly suitable for inventorying metallic objects due to its characteristic, as well as for use in marketing campaigns where the sticker needs to be applied to a metallic surface.

Short description

- PET material, rigid, self-adhesive
- suitable for metallic/conductive surfaces
- Format: 10 x 10 mm
- Place of application Indoor, conditionally also Outdoor
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The surface material of the white NFC sticker is made of PET. The material is water repellent, so the sticker can tolerate moisture in moderation. The sticker is square (10 x 10 mm) and has a material thickness of approx. 0.83 mm. The built-in chipset NXP NTAG213 is compatible with all current NFC-enabled smartphones.

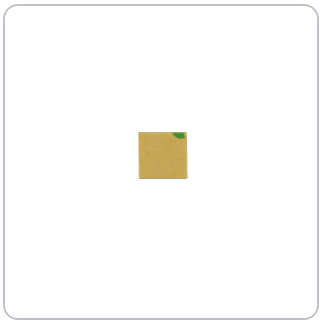
NFC chip

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 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68853
Adhesive layer	Yes (3M)
On metal layer	0,15 mm
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Weight	0,1 g
Detail colour	white
Frequency	13.56 MHz
Antenna	FPC
Antenna format	8,7 x 8,7 mm
Ambient temperature	-25 to 70 degrees
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
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
Carrier layer	10 x 10 mm
Product form	rectangular

Dimensions	10 x 10 mm (W x H)
Material	PET
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Further links	ntag
Material thickness	0,77 mm (T)
Sticker thickness	0,6 mm (+/-0,05 mm)
NFC Forum Type	NFC Forum type 2

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