Product number: 69000

NFC Sticker On-Metal - 22 mm - NTAG213 - 180 Byte - white with logo | white



Product information

The white PET sticker with a diameter of 22 mm is especially suitable for the inventory of metallic objects due to the integrated NTAG213 chipset and the on-metal feature. It is also used in marketing campaigns where the sticker has to be applied to a metal surface.

Short description

- PET material, flexible, self-adhesive
- Suitable for metallic/conductive surfaces
- 22 mm diameter
- Application indoor, partly 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 therefore partly waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a diameter of 22 mm and a material thickness of 0.55 mm. The 3M adhesive 467 MP 200 MP Adhensive gives the sticker a high adhesive strength. This NFC on-metal sticker is compatible with all NFC-enabled smartphones.

NFC chip

The self-adhesive PET sticker features 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	69000
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Available colours	green , grey , black , blue , red , orange , white
Weight	0,38 g
Sticker thickness	0,55mm (+/-0,05 mm)
Detail colour	white
Frequency	13.56 MHz
Antenna	FPC , Aluminium
Material thickness	0,55 mm (T)
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
Antenna format	18 mm
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
Dimensions	22 mm Ø

Carrier layer	30 x 30 mm
Material	PET
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Adhesive layer	Yes
NFC Forum Type	NFC Forum type 2
Delivery options	single
On metal layer	0,2 mm

More images



