Product number: 68994

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



Product information

The black PET sticker with a diameter of 22 mm is particularly suitable for the inventory of metallic objects due to its NTAG213 chipset and the on-metal property. The sticker is also widely used in marketing campaigns where it needs to be applied to a metal surface.

Short description

- PET material, flexible, self-adhesive
- Suitable for metallic/conductive surfaces
- 22 mm diameter
- Indoor use, also outdoor use to a limited extent
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The surface material of the black NFC sticker is made of PET. The material is therefore partially 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	68994
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)
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
Detail colour	black
Dimensions	22 mm Ø
Colour category	black

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



