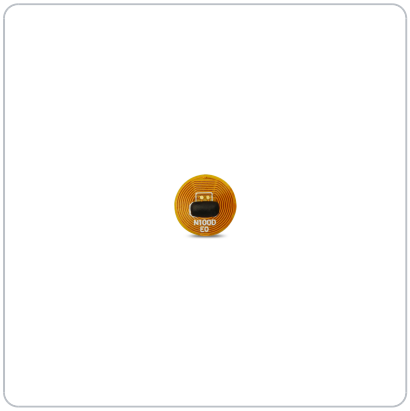
Product number: 68924

NFC Sticker FPC - On-Metal - 10 mm - NTAG213 - 180 Byte - gold



Product information

The golden sticker made of FPC material is flexible and still waterproof. Due to its heat resistance it is especially used in industrial applications.

Short description

- FPC material, rigid, self-adhesive
- Suitable for metallic/conductive surfaces
- Format: 10 mm diameter
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The FPC On-Metal Sticker has a format of 10 mm and can also be used on conductive/metallic as well as slightly curved surfaces. The material thickness including the ferrite layer is 0.85 mm in the area of the NFC chip and approx. 0.35 mm outside the NFC chip area. The reading range is 8 - 15 mm. The chip set of the sticker is compatible with all current NFC-capable smartphones.

NFC chip

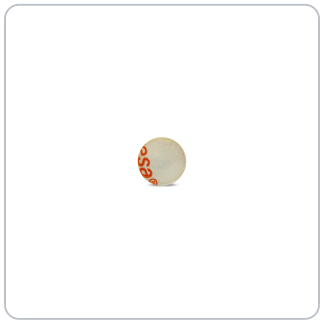
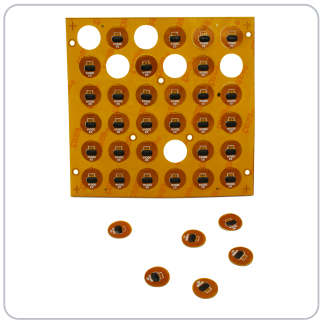
The self-adhesive FPC sticker is equipped with the original NXP NTAG213 and offers a cost-effective entry into the NTAG21x series. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG213 has a total capacity of 180 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	68924
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Water resistance	waterproof (IP68)
Frequency	13.56 MHz
Antenna	FPC
Ambient temperature	-25 to 70 degrees
Material	FPC
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
Material thickness	0.88 mm (T)
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Weight	0,077 g
Available colours	gold
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Colour category	gold

Adhesive layer	Yes
Detail colour	gold
Dimensions	10 mm Ø
NFC Forum Type	NFC Forum type 2
Antenna format	10 mm

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