Product number: 68393

NFC Sticker Circus - 22 mm - NTAG213 - 180 Byte - transparent



Product information

The transparent sticker made of PET can be easily applied to all smooth surfaces and is particularly suitable for marketing campaigns and identification due to its robustness.

Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- 22 mm diameter
- Indoor use, conditionally also outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The surface material of the transparent NFC sticker is made of PET. The material is therefore conditionally waterproof, so that the sticker can withstand moisture even in moderation. The sticker has a diameter of 22 mm and a material thickness of 0.11 mm. The antenna is visible from the outside, because the sticker is transparent. The chipset of the sticker 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	68393
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Number of tags per roll	5000 pieces
Roller core diameter	76 mm
Frequency	13.56 MHz
Antenna format	20 mm
Chip	NXP NTAG213
Detail colour	transparent
Colour category	transparent
Data transfer rates	106 kbit/s
Available colours	transparent
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Dimensions	22 mm Ø
Material	PET
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g

Delivery options	on roll
Further links	ntag
Adhesive layer	Yes
Material thickness	0,11 mm (T)
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2

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