Product number: 17010

NFC Sticker Circus Flex - 22 mm - NTAG213 - 180 byte - transparent



Product information

The transparent sticker made of PET is small and robust, and its flexible structure makes it easy to integrate even into hard-to-mark items. This makes it particularly well suited for demanding brand and retail applications.

Short description

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

Product description

NFC Poduct

The surface material of the transparent NFC sticker is made of PET and is completely waterproof. The sticker has a diameter of 22 mm and a material thickness of 0.3 mm. The antenna is visible from the outside because the sticker is transparent. The chipset of the sticker is compatible with all popular NFC-enabled smartphones.

NFC chip

The NFC 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), of which usable memory in the NDEF is 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 byte
- Usable memory NDEF: 137 byte

Product properties

Product number	17010
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Frequency	13.56 MHz
Ambient temperature	-25 to 70 degrees
Chip	NXP NTAG213
Detail colour	transparent
Colour category	transparent
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 , ISO/IEC 7816-4
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%
Available colours	white
Further links	ntag
Adhesive layer	Yes
Antenna	Aluminium

NFC Forum Type	NFC Forum type 2
Water resistance	waterproof (IP67)

More images



