Product number: 68745

NFC Circus Dura - 22 mm - NTAG213 - 180 Byte - without adhesive layer - transparent



Product information

CIRCUS DURA is a small, robust tag that withstands higher environmental stresses due to its specially reinforced structure compared to standard tags. Due to its small size, durability and top performance thanks to the integrated NXP NTAG213 chipset, the Circus DURA tag is very well suited for item-level product authentication or brand protection.

Short description

- PET material, flexible
- not suitable for metallic/conductive surfaces
- 22 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 surface material of the Circus Dura is made of PET. The Circus itself has a diameter of 22mm and a material thickness of 0.46mm. The material is water resistant, so this NFC sticker is ideal to be placed in garments. The chipset of the sticker is compatible with all popular NFC-enabled smartphones. The inlays and tags comply with the ISO 9001:2015 quality standard. Management and ISO 14001:2015 environmental management.

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), 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 bytes
- Usable memory: 137 byte

Product properties

Product number	68745
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Frequency	13.56 MHz
Type	Disc
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
Material thickness	0,46 mm (T)
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%
Further links	ntag
NFC Forum Type	NFC Forum type 2

More images

