Product number: 17227

NFC Sticker PET - 18 mm - ICODE SLIX - 128 Byte - white



Product information

With its round design made of flexible PET material and a diameter of 18 mm, this NFC sticker is versatile. The integrated ICODE SLIX chip enables reliable product authentication in various areas as well as effective security for loan books and media.

Short description

- PET material, flexible
- Not suitable for metallic/conductive surfaces
- Diameter: 18 mm
- Indoor use, limited outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP ICODE SLIX - 128 bytes (NDEF: 106 bytes)

Product description

NFC product

The NFC sticker is made of flexible PET material. The sticker is particularly suitable for indoor use, as the material can only withstand moisture to a limited extent. The sticker has a diameter of 18 mm and a material thickness of 0.28 mm. The antenna is slightly visible from the outside as the sticker is white.

NFC chip

The NFC Sticker PET is equipped with the original ICODE SLIX (SL2S2002). NXP has designed the ICODE SLIX series for use as an intelligent label and optimised it accordingly for small designs and smaller data volumes. Other functions of the ICODE SLIX include the option of write-protecting the content. The chip also supports the function of electronic article surveillance with password protection (EAS). In combination with the increased range, this makes it possible, for example, to monitor items and their authorised removal at a gateway (use for loan books and media). Thanks to the Application Family Identifier (AFI) function, the chip is able to inform the reader of the intended use.

The ICODE SLIX has a total capacity of 128 bytes, of which 106 bytes are usable memory in the NDEF. The ICODE SLIX has a unique 8-byte serial number (UID). The NFC chip can be written to up to 100,000 times. The ICODE SLIX is characterised on the one hand by a long data life of 50 years (data retention) and on the other hand by a higher range compared to the NXP NTAG series. In practical terms, this means that smartphones can read the ICODE SLIX from distances of up to 1-5cm (compared to the NTAG, which is practically 1-3cm). With appropriate readers (not smartphones), distances of up to 1.5 metres are also possible.

- Total capacity: 128 bytes
- Free memory: 112 bytes
- Usable memory NDEF: 106 bytes

Do you need higher quantities?

Contact us

Product properties

Product number	17227
Weight	0,08 g
Material thickness	0,28 mm (T)
Chip standards / ISO Norm	ISO/IEC 15693 , ISO/IEC 18000-3
Frequency	13.56 MHz
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
Operating temperature	Min -25°C - Max +70°C
Number of write operations	100.000 times
Colour category	white
Detail colour	white glossy
NFC Forum Type	NFC Forum type 5
Dimensions	18 mm Ø
Material	PET
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Chip	I-CODE SLIX
Memory	128 Byte (free: 112 Byte, NDEF: 106 Byte)
Adhesive layer	Yes
Antenna	Aluminium
Data transfer rates	53 kbit/s
Data retention	50 years

More images

