Product number: 17230UN1

NFC sticker PVC printed - On-Metal - 20 mm - NTAG213 - 180 bytes - white glossy | printed on one side



Product information

The NFC On-Metal Sticker made of PVC enables the use of NFC on metallic surfaces, both indoors and outdoors. Thanks to its robust material, the NFC functionality remains unrestricted even outdoors. This product is particularly suitable for object protection and product identification, especially if the surface is made of metal.

Short description

- PVC material, rigid, 3M adhesive surface
- suitable for metallic/conductive surfaces
- Diameter: 20 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 bytes (NDEF: 137 bytes)
- Printed on one side
- 4-color printable
- Print finish: satin

Product description

NFC product

The on-metal sticker is made of PVC and is therefore waterproof. An additional layer ensures that the NFC function also works perfectly on metallic surfaces. The back has a 3M adhesive layer that gives the sticker the necessary adhesion. The sticker has a diameter of 20 mm and a material thickness of approx. 1.30 mm. The NFC chip is invisibly integrated into the sticker and can withstand temperatures between -25 degrees and 70 degrees. The product is compatible with all NFC-enabled smartphones.

Print

Our products are printed using a process that offers high resolution, colour accuracy and durability. This makes it possible to display images in photorealistic quality or to print even tiny font sizes legibly. This environmentally friendly technology enables us to personalise your products on one or both sides and add logos, images, text or other designs from a wide range of colours. The applied colour layer is abrasion-resistant and resistant to water, sunlight and chemicals.

For your desired design, simply download our suitable print template and provide us with your desired print layout conveniently via our configurator.

NFC chip

The white PVC 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 137 bytes are usable memory in the NDEF. Each individual chip has a unique serial number (UID) consisting of 7 bytes (alphanumeric, 14 characters). The NFC chip can be written to up to 100,000 times and has a data retention period of 10 years. The NTAG213 has the UID ASCII mirror feature, with which the UID of the tag can be appended to the NDEF message, as well as an integrated NFC counter, which increases automatically when reading. Both functions are not activated by default. The NTAG213 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 end devices.

- Total capacity: 180 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 bytes

Do you need higher quantities?

Contact us

Product properties

Product number	17230UN1
Weight	0,8 g
Adhesive layer	Yes (3M)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Frequency	13.56 MHz
Antenna format	16 mm
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Material	PVC
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
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Detail colour	white glossy
Dimensions	20 mm Ø
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag

Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Material thickness	1,3 mm (T)
Water resistance	waterproof (IP67)

More images





