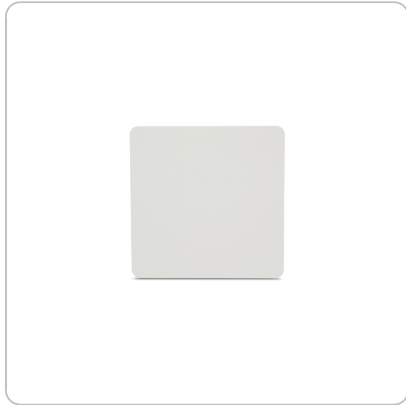


Product number: 68830

NFC Sticker PVC On-Metal - 52 x 52 mm - NTAG213 - 180 Byte - white



coe-datasheet-sw6.pdf.productInformation

With a format of 52 x 52 mm, the PVC sticker is very eye-catching and is also water-repellent and dust-proof due to its IP protection class 67. Due to its properties, it is particularly suitable for the inventory of metallic objects as well as for use in roll guard systems where the sticker must be attached to a metal surface.

Short description

- PVC material, rigid, self-adhesive
- suitable for metallic/conductive surfaces
- Format: 52 x 52 mm
- Indoor and outdoor application
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The surface material of the white NFC sticker is made of PVC. The material is therefore waterproof, so that the sticker can withstand moisture. The square sticker has a length as well as a width of 52 mm and a material thickness of approx. 1.17 mm. The antenna is easily visible from the outside because the sticker is white. The chipset of the sticker is compatible with all current NFC-enabled smartphones.

NFC chip

The self-adhesive 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), 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	68830
Adhesive layer	Yes (3M)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Detail colour	white
Frequency	13.56 MHz
Sticker thickness	1,2 mm (+/-0,05 mm)
Dimensions	52 x 52 mm (W x H)
On metal layer	0,3 mm
Ambient temperature	-25 to 70 degrees
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
Antenna format	45 x 45 mm
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Compatibility	to NFC-enabled smartphones: 100%

Weight	1 g
Material thickness	1,10 mm (T)
Available colours	white
Carrier layer	52 x 52 mm
Further links	ntag
Product form	square
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Delivery options	single
Water resistance	waterproof (IP67)

More images

