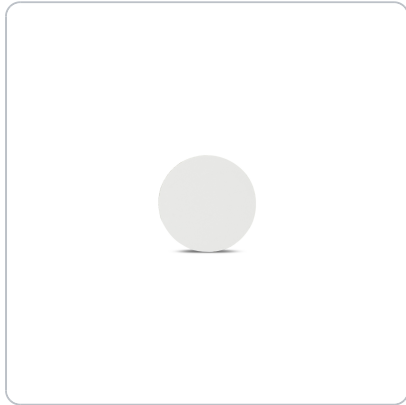


Product number: 68716

NFC Coin PVC - On-Metal - 20 mm - NTAG213 - 180 Byte - white - without adhesive layer



coe-datasheet-sw6.pdf.productInformation

The white NFC coin made of PVC can be ideally attached to metallic surfaces, both indoors and outdoors, thanks to an additional layer.

Short description

- PVC material, flexible, without adhesive layer
- especially suitable for metallic / conductive surfaces
- 20 mm diameter
- Place of application indoor and outdoor
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 byte (NDEF: 137 byte)

Product description

NFC product

The white NFC coin has a diameter of 20 mm, is made of PVC and is therefore waterproof. The PVC coin has no additional adhesive layer on the back, so it is only suitable for use on metallic surfaces.

NFC chip

The NFC coin PVC 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	68716
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Detail colour	white
Frequency	13.56 MHz
Sticker thickness	1,2 mm (+/-0,05 mm)
On metal layer	0,3 mm
Antenna format	16 mm
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Material	PVC
Storage temperature	Min -55°C - Max +125°C
Type	Coin
Carrier layer	20 mm
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
Dimensions	20 mm Ø
Product form	round
Compatibility	to NFC-enabled smartphones: 100%

Material thickness	1,10 mm (T)
Available colours	white
Further links	ntag
Weight	2 g
Antenna	Copper
NFC Forum Type	NFC Forum type 2
Adhesive layer	No
Water resistance	waterproof (IP67)

More images

