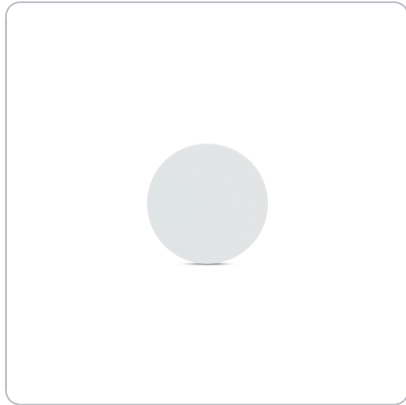


Product number: 68937

NFC coin PVC - 25 mm - NTAG215 - 540 byte - white - without adhesive layer



coe-datasheet-sw6.pdf.productInformation

The 25mm NFC PVC coin is extremely robust due to its material, making it very suitable for outdoor use for property protection or product identification.

Short description

- PVC material, rigid, without adhesive layer
- Not suitable for metallic/conductive surfaces
- Format: 25 mm diameter
- Indoor and outdoor application
- Ambient temperature from -25 to + 70 degrees
- NXP NTAG215 (NTAG215) - 540 Byte (NDEF: 480 Byte)

Product description

NFC product

The white PVC coin is made of PVC and is therefore water resistant. The PVC coin has a diameter of 25 mm and a material thickness of approx. 1.00 mm. The NFC microchip with the NTAG215 chipset is invisibly integrated in the PVC and withstands temperatures from -25 °C to 70 °C. This coin is compatible with all NFC-enabled smartphones.

NFC chip

The PVC coin is equipped with the original NXP NTAG215, which occupies the mid-range in the NTAG21x series and represents a good compromise between memory size and cost. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG215 has a total capacity of 540 bytes (free memory 504 bytes), of which usable memory in the NDEF is 480 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 NTAG215 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 NTAG215 is compatible with all NFC-enabled smartphones, the NFC21 tools, and all ISO14443 terminals.

- Total capacity: 540 bytes
- Free memory: 504 byte
- Usable memory NDEF: 480 byte

Product properties

Product number	68937
Chip	NXP NTAG215
Detail colour	white
Frequency	13.56 MHz
Memory	540 Byte (free: 504 Byte, NDEF: 480 Byte)
Data transfer rates	106 kbit/s
Material	PVC
Storage temperature	Min -55°C - Max +125°C
Type	Coin
Chip standards / ISO Norm	ISO 14 443-3 A, ISO 14 443-2 A
Dimensions	25 mm Ø
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Available colours	white
Material thickness	1,00 mm (T)
Antenna	Aluminium
Weight	2 g
NFC Forum Type	NFC Forum type 2

Water resistance	waterproof (IP67)
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More images

