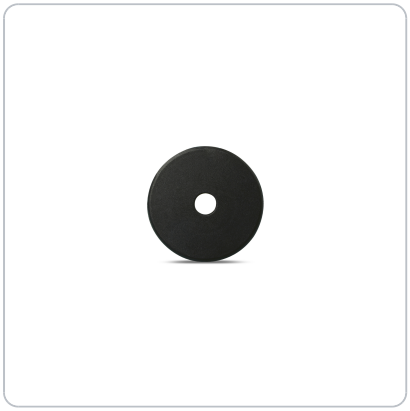
Product number: 69064

NFC Coin PPS - On Metal - 25 mm - NTAG213 - 180 Byte - black - perforated



Product information

The black PPS coin is fully waterproof and can withstand pressure, heat and chemicals, making it ideal for facilitating the inventory of garments in hotels, hospitals and other institutions.

Short description

- PPS material, rigid
- suitable for metallic/conductive surfaces
- 25 mm diameter
- Indoor and outdoor use
- Ambient temperature from -25 to 70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

NFC product

The black NFC tag is made of PPS and is therefore robust and waterproof. The tag can be washed without any problems as it can withstand extreme temperatures (-20 °C to 180 °C), pressure and even chemicals. This article has a diameter of 25 mm and a material thickness of 2.95 mm. In the middle there is a hole with a diameter of approx. 3.70 mm. With the help of the hole, the PPS Tag can easily be sewn to garments. It can also be attached to objects with a nail. Due to an additional on-metal layer, the PPS Tag also works on metallic surfaces. This product is compatible with all NFC-enabled smartphones. Important: The PPS coin has a sign that shows the direction in which the PPS coin must be applied for the on-metal layer to have its effect.

NFC chip

The PPS tag 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 byte
- Free memory: 144 byte
- Usable memory NDEF: 137 byte

Product properties

Product number	69064
Antenna format	22 mm
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Water resistance	waterproof (IP68)
Frequency	13.56 MHz
Available colours	black
Material	PPS
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Type	Coin
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
On-metal	on metal
Dimensions	25 mm Ø
Sticker thickness	3,05 mm (+/-0,05 mm)
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Detail colour	black
Lochung	3 mm Ø
Colour category	black
Product form	round

Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g
Further links	ntag
Antenna	Copper
Material thickness	2,95 mm (T)
NFC Forum Type	NFC Forum type 2
On metal layer	0,2 mm

More images

