Product number: 69082

# NFC Laundry coin PPS - On-Metal - 22 mm - NTAG213 - 180 byte - perforated

## Product information

The PPS Laundry coin is fully waterproof and can withstand pressure, heat and chemicals which is why it is very suitable to facilitate the inventory of garments in hotels, hospitals and other institutions.

## Short Description

- PPS material, rigid, without adhesive layer
- suitable for metallic/conductive surfaces
- 22 mm diameter
- Indoor and outdoor application
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

## Product description

### NFC product

The Laundry coinis made of PPS, making it durable and waterproof. The Laundry tag can be washed without any problems as it can withstand extreme temperatures (-20 °C to 180 °C), pressure and even chemicals. This item has a diameter of 22 mm and a height of 2.54 mm. This product is compatible with all NFC-enabled smartphones.

# NFC chip

The PPS coin 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 usable memory in the NDEF is 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 byte
- Usable memory NDEF: 137 byte

## Product properties

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|---|---|
| **Product number** | 69082 |
| **Memory** | 180 Byte (free: 144 Byte, NDEF: 137 Byte) |
| **Water resistance** | waterproof (IP68) |
| **Frequency** | 13.56 MHz |
| **Available colours** | black |
| **Material** | PPS |
| **Ambient temperature** | -25 to 70 degrees |
| **Chip** | NXP NTAG213 |
| **Data transfer rates** | 106 kbit/s |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Type** | Coin |
| **Lochung** | 2 mm Ø |
| **UID imprint** | Yes |
| **Chip standards / ISO Norm** | ISO 14 443-3 A, ISO 14 443-2 A |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |
| **Detail colour** | black |
| **Dimensions** | 22 mm Ø |
| **Colour category** | black |
| **Product form** | round |
| **Compatibility** | to NFC-enabled smartphones: 100% |

| | |
|---|---|
| **Further links** | ntag |
| **Antenna** | Aluminium |
| **NFC Forum Type** | NFC Forum type 2 |
| **Adhesive layer** | No |

## More images