Product number: 68521

NFC laundry tag PPS - 24 x 29 mm - NTAG213 - 180 byte - black - perforated



Product information

The PPS Linen Tag 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
- not for metallic/conductive surfaces
- Format: 24 x 29 mm
- 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 laundry tag is made of PPS, making it robust 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 article has a length of 29 mm, a width of 24 mm and a material thickness of 2.5 mm. At the top end there is an oval hole with a length of 5 mm and a width of 3.5 mm. This allows the laundry tag to be easily sewn onto garments. This product is compatible with all NFC enabled smartphones.

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 bytes
- Free memory: 144 bytes
- Usable memory NDEF: 137 byte

Product properties

Product number	68521
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Functions	Write protection , UID ASCII Mirror , 32-bit Password , 24-bit Counter , ASCII Mirror , 7 Byte UID , ECC-based original signature , true anticollision , rewritable
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
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
Colour category	black
Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g
Further links	ntag

Material thickness	2,4 mm (T)
Product form	oval
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Type	Keyfob
Adhesive layer	No

More images



