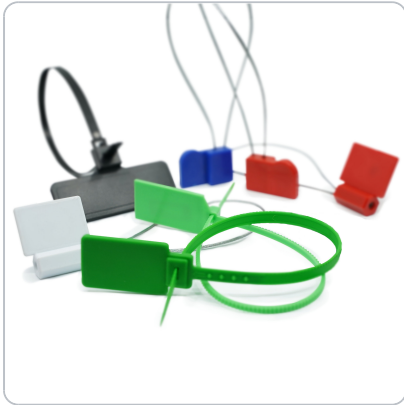


Product number: 68936

NFC Starter Kit cable ties - 7 pieces - NTAG213 - 180 byte - red / blue / green / black / white



coe-datasheet-sw6.pdf.productInformation

Our NFC Starter Kit Cable Ties offers all cable tie designs that we currently have in our product range. These are often used for inventory, on construction sites, for object protection or for marking.

Short description

- PVC / ABS, robust
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP NTAG213 (NTAG213) - 180 Byte (NDEF: 137 Byte)

Product description

The cable ties are made of either PVC or ABS material and some have a metal loop. The black cable tie can be reused as the clasp can be opened. All contain a chipset of the original NXP NTAG213 series. In the NFC Starter Kit cable ties, the following NFC cable ties are included:

- 1 x NFC cable tie PVC / metal - 225 x 1.55 mm - NTAG213 - 180 byte - green.
- 1 x NFC cable tie PVC - 240 x 2.30 mm - NTAG213 - 180 byte - green
- 1 x NFC cable tie PVC - 255 x 8 mm - NTAG213 - 180 byte - black
- 2 x NFC cable ties ABS - 280 x 1.5 mm - NTAG213 - 180 byte - red - with steel strap
- 1 x NFC cable tie ABS - 280 x 1.5 mm - NTAG213 - 180 byte - blue - with steel strap
- 1 x NFC cable tie ABS - 280 x 1.5 mm - NTAG213 - 180 byte - white - with steel strap

NFC chip

The NFC cable ties of the NFC Starter Kit cable ties are all equipped with the original NXP NTAG213 and offer 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	68936
Dimensions	340 x 15 mm (L x W), 255 x 8 mm (L x W), 280 x 1,5 mm (L x W), 240 x 2,3 mm (L x W)
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Available colours	green, black, blue, red, white
Material	Plastic, PVC, ABS
Further links	starterkit
Frequency	13.56 MHz
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
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
Compatibility	to NFC-enabled smartphones: 100%
Water resistance	waterproof
Antenna	Aluminium
Type	Cable binder
NFC Forum Type	NFC Forum type 2

More images

