

Product number: 68763

## NFC Starter Kit Signal - 20 pieces



### coe-datasheet-sw6.pdf.productInformation

The NFC Starter Kit Signal is exactly the right choice if you need eye-catching and water-repellent NFC tags that also work on metallic surfaces. The material used and the properties associated with it make this NFC Starter Kit ideal for use on construction sites, in inventory or in control guard systems.

### Short description

- PVC, rigid
- suitable for use on metallic / conductive surfaces
- 30 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 on-metal stickers included in the NFC Starter Kit Signal are made of PVC and are therefore waterproof. An additional layer ensures that the NFC function also works properly on metallic surfaces. The reverse side has a 3M adhesive layer, which gives the sticker the necessary adhesive strength. The sticker has a diameter of 30 mm and a height of approx. 1.35 mm. The NFC microchip is invisibly integrated in the sticker and withstands temperatures between -25 degrees and 70 degrees. The NFC Starter Kit Signal contains the following products:

- 5 x NFC Sticker PVC - 30 mm - NTAG213 - 180 Byte - red
- 5 x NFC sticker PVC - 30 mm - NTAG213 - 180 byte - yellow
- 5 x NFC sticker PVC - 30 mm - NTAG213 - 180 byte - white
- 5 x NFC sticker PVC - 30 mm - NTAG213 - 180 byte - black

#### NFC chip

All products are 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 Byte
- Free memory: 144 Byte
- Usable memory NDEF: 137 Byte

## Product properties

Product number	68763
Memory	180 Byte (free: 144 Byte, NDEF: 137 Byte)
Available colours	yellow, black, red, white
Further links	starterkit
Frequency	13.56 MHz
Chip	NXP NTAG213
Data transfer rates	106 kbit/s
Dimensions	30 mm Ø
Material	PVC
Type	Coin
Chip standards / ISO Norm	ISO 14 443-3 A, ISO 14 443-2 A
On-metal	on metal
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Compatibility	to NFC-enabled smartphones: 100%
NFC Forum Type	NFC Forum type 2
Water resistance	waterproof (IP67)

## More images

