Product number: 68708

NFC Wristband Silicone - 235 x 15 x 7 mm - NTAG216 - 924 Byte - orange | orange



Product information

The flexible and resistant NFC wristband made of silicone offers enough memory via the integrated NTAG216 to implement a wide range of application scenarios. Therefore, it is often used as a give-away, e.g. at trade fairs or in everyday use, e.g. for time recording of employees.

Short description

- Silicone, flexible
- Format: 235 x 15 mm, 7 mm high
- Indoor and outdoor use
- Ambient temperatures from - 25 to +70 degrees
- NXP NTAG216 (NTAG216) - 924 Byte (NDEF: 868 Byte)

Product description

NFC product

The orange NFC wristband is made of flexible silicone and is therefore waterproof. The NFC wristband has a total length of 235 mm, with a width of 15 mm. In the middle of the wristband the NFC chip is installed. At this point the wristband has a height of 7 mm. There are a total of 8 closure options to choose from, so this bracelet can be customized to fit the wearer.

NFC chip

The NFC wristband is equipped with the original NXP NTAG216, which is the largest memory available in the NTAG21x series to date. The NXP NTAG21x series impresses with the greatest possible compatibility, good performance and intelligent additional functions. The NTAG216 has a total capacity of 924 bytes (free memory 888 bytes), of which usable memory in the NDEF is 868 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 NTAG216 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 NTAG216 is compatible with all NFC-enabled smartphones, the NFC21 tools and all ISO14443 terminals.

- Total capacity: 924 bytes
- Free memory: 888 bytes
- Usable memory NDEF: 868 bytes

Product properties

Product number	68708
Chip	NXP NTAG216
Available colours	green , grey , black , blue , orange
Water resistance	waterproof (IP68)
Frequency	13.56 MHz
Colour category	orange
Data transfer rates	106 kbit/s
Storage temperature	Min -55°C - Max +125°C
Material	Silicone
Material thickness	7 mm (T)
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Dimensions	235 x 15 x 7 mm (L x W x H)
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Detail colour	orange
Compatibility	to NFC-enabled smartphones: 100%
Further links	ntag
Type	Wristband
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Memory	924 Byte (free: 888 Byte, NDEF: 868 Byte)

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