Product number: 17132U

NFC tag ABS - 40 x 32 mm - MIFARE Classic EV1 4k - 4096 Byte - blue - printed



Product information

We print our plastic tags using modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This custom printable NFC tag features the waterproof material and its distinct temperature resistance. For your desired design, simply download our matching print template and provide us with your desired print layout conveniently via our configurator.

Short description

- ABS material, plastic, rigid
- format: 40 x 32 mm
- printing on one or both sides of the tag
- 4-color printable
- NFC chip: MIFARE Classic EV1 4k (4096 byte)
- **Note**: Key rings are enclosed separately

Product description

NFC product

The NFC tag is made of a robust ABS material and has a format of 40 x 32 mm with a material thickness of 4.3 mm. Due to its waterproof material and its distinct temperature resistance, it is often used in the industrial sector, e.g. for access control on construction sites or for time recording of employees in indoor as well as outdoor areas.

Print

Our tags are printed using the modern digital UV direct printing process, which offers high resolution, color accuracy and durability. This makes it possible to display images in photo-realistic quality or print tiny font sizes in a legible manner. This environmentally friendly technology allows us to personalize your products on one or both sides, adding logos, images, text or other designs from a wide range of colors. The applied ink layer is abrasion resistant as well as resistant to water, sunlight and chemicals.

Note: Single-sided printing is included in the product price. A one-time setup fee will be charged additionally for setup of one-sided/two-sided printing.

You can add the printing of the tag via the configurator. You can find the suitable print template for printing a free motif here.

NFC chip

The NFC tag is equipped with the original MIFARE Classic EV1 4k (MF1S70). The MIFARE Classic 4k has a total capacity of 4096 bytes. The MIFARE Classic EV1 4k is the successor of the MIFARE Classic series and improves it in some aspects (better readability, detection of card attacks).

It has a 4-byte non-UID. The NFC chip can be written up to 200,000 times and has a data retention of 10 years. Despite the improvements over the older MIFARE Classic series, NXP recommends using the MIFARE DESFire series for security-critical applications. The chipset is not compatible with all NFC-enabled smartphones.

- Total capacity: 4096 bytes

Product properties

Product number	17132U
Antenna format	22 mm
Functions	4 Byte UID , true anticollision , rewritable
Dimensions	40 x 32 mm (W x H)
Frequency	13.56 MHz
Material thickness	3,6 mm (T)
Ambient temperature	-25 to 70 degrees
Available colours	blue
Data transfer rates	106 kbit/s
Number of write operations	200.000 times
Storage temperature	Min -55°C - Max +125°C
Chip standards / ISO Norm	ISO 14 443-3 A , ISO 14 443-2 A
Detail colour	blue
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Weight	4 g
Chip	MIFARE Classic EV1
Material	ABS
Compatibility	to NFC-enabled smartphones: 100%
Product form	oval
Colour category	blue
Antenna	Copper

Type	Keyfob
Memory	4096 Byte
Water resistance	waterproof (IP67)

More images







