Product number: 68480U

# NFC tag ABS - 40 x 32 mm - Ultralight EV1 - 64 byte - blue - printed | blue

## 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, oval
- One-sided printing on the tag
- 4-color printable
- NFC chip: NXP MIFARE Ultralight EV1 - 64 byte (NDEF: 38 byte)
- **Note**: Key rings are enclosed separately

## Product description

### NFC product

The NFC tag is made of a robust and waterproof 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.

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 ABS tag is equipped with the original MIFARE Ultralight EV1. The MIFARE Ultralight EV1 has a total capacity of 64 bytes, of which usable memory in the NDEF is 38 bytes. The MIFARE Ultralight EV1 has a 7 byte UID. The NFC chip can be written up to 100,000 times and has a data retention of 10 years. The MIFARE Ultralight EV1 has a 32-bit encryption. Due to the low storage capacity, this tag is only suitable for small amounts of data.

- Total capacity: 64 bytes
- Free memory: -
- Usable memory NDEF: 38 byte

## Product properties

| | |
|---|---|
| **Product number** | 68480U |
| **Antenna format** | 22 mm |
| **Functions** | Write protection , 32-bit Password , 7 Byte UID |
| **Dimensions** | 40 x 32 mm (W x H) |
| **Frequency** | 13.56 MHz |
| **Available colours** | black , blue , white |
| **Material thickness** | 4,3 mm (T) |
| **Data transfer rates** | 106 kbit/s |
| **Storage temperature** | Min -55°C - Max +125°C |
| **Chip standards / ISO Norm** | ISO 14 443-3 A |
| **Detail colour** | blue |
| **Operating temperature** | Min -25°C - Max +70°C |
| **Data retention** | 10 years |
| **Number of write operations** | 100.000 times |
| **Chip** | MIFARE Ultralight EV1 |
| **Weight** | 4 g |
| **Material** | ABS |
| **Compatibility** | to NFC-enabled smartphones: 100% |
| **Memory** | 64 Byte (NDEF: 38 Byte) |
| **Product form** | oval |
| **Colour category** | blue |
| **Antenna** | Copper |

| | |
|---|---|
| **NFC Forum Type** | NFC Forum type 2 |
| **Type** | Keyfob |
| **Delivery options** | single |
| **Water resistance** | waterproof (IP67) |

## More images