

Product number: 68484

# NFC Tag ABS - 40 x 32 mm - Ultralight EV1 - 64 Byte - black | black



## Product information

Due to its waterproof material and its distinct temperature resistance, the robust NFC tag ABS is often used in the industrial sector, e.g. for access control on construction sites or for time recording of employees in indoor and outdoor areas.

## Short description

- ABS material, rigid
- Format 40 x 32 mm, oval
- Indoor and outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP MIFARE Ultralight EV1 - 64Byte (NDEF: 38 Byte)

## Product description

### NFC product

The NFC tag is made of black ABS material and has a size of 40 x 32 mm with a material thickness of 4.3 mm. The NFC tag has a metal ring which makes it easy to attach. Due to the robust plastic material, the ABS tag is waterproof and is therefore ideal for both indoor and outdoor use.

### 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 memory capacity, this tag is only suitable for small amounts of data.

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

## Product properties

<b>Product number</b>	68484
<b>Antenna format</b>	22 mm
<b>Functions</b>	Write protection, 32-bit Password, 7 Byte UID, rewritable
<b>Dimensions</b>	40 x 32 mm (W x H)
<b>Frequency</b>	13.56 MHz
<b>Available colours</b>	black, blue
<b>Material thickness</b>	3,6 mm (T)
<b>Data transfer rates</b>	106 kbit/s
<b>Storage temperature</b>	Min -55°C - Max +125°C
<b>Chip standards / ISO Norm</b>	ISO 14 443-3 A
<b>Operating temperature</b>	Min -25°C - Max +70°C
<b>Data retention</b>	10 years
<b>Number of write operations</b>	100.000 times
<b>Detail colour</b>	black
<b>Chip</b>	MIFARE Ultralight EV1
<b>Weight</b>	4 g
<b>Colour category</b>	black
<b>Material</b>	ABS
<b>Compatibility</b>	to NFC-enabled smartphones: 100%
<b>Memory</b>	64 Byte (NDEF: 38 Byte)
<b>Water resistance</b>	waterproof
<b>Product form</b>	oval

<b>Antenna</b>	Copper
<b>NFC Forum Type</b>	NFC Forum type 2
<b>Type</b>	Keyfob
<b>Delivery options</b>	single

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