

Product number: 68352

# NFC card PVC - 85,6 x 54 mm - MIFARE Classic EV1 1k - 1024 Byte - white glossy | without print



## Product information

The white NFC card made of PVC is waterproof and equipped with the MIFARE Classic EV1 1k. It is often used for access control at trade fairs or for employee time recording.

## Short description

- PVC material, rigid
- Format 85,6 x 54 mm
- Indoor and outdoor use
- Ambient temperature -25 to +70 degrees
- MIFARE Classic EV1 1k - 1024 bytes

## Product description

### NFC product

The white NFC card is made of PVC and has a format of 85.6 x 54 mm with a material thickness of 0.86 mm. It has a glossy, smooth surface and fits easily into standard wallet compartments for cards thanks to its typical credit card format. The PVC material of the card is waterproof and is therefore ideal for both indoor and outdoor use.

### NFC chip

The white NFC card is equipped with the original MIFARE Classic EV1 1k (MF1S70). The MIFARE Classic 4k has a total capacity of 1024 bytes. The MIFARE Classic EV1 1k is the successor of the MIFARE Classic series and improves it in some points (better readability, detection of card attacks). It has a 4-byte non-UID. The NFC chip can be written to up to 200,000 times and has a data retention period of 10 years. Despite the improvements over the older MIFARE Classic series, NXP recommends the use of the MIFARE DESFire series for security-critical applications. The chipset is not compatible with all NFC-enabled smartphones.

- Total capacity: 1024 bytes

Do you need higher quantities?

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## Product properties

<b>Product number</b>	68352
<b>Weight</b>	6,1 g
<b>Dimensions</b>	85 x 54 mm (W x H)
<b>Compatibility</b>	not compatible with all NFC-enabled devices
<b>Frequency</b>	13.56 MHz
<b>Ambient temperature</b>	-25 to 70 degrees
<b>Memory</b>	1024 Byte (free: 864 Byte, NDEF: 716 Byte)
<b>Data transfer rates</b>	106 kbit/s
<b>Material</b>	PVC
<b>Storage temperature</b>	Min -55°C - Max +125°C
<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>Colour category</b>	white
<b>Detail colour</b>	white glossy
<b>Chip standards / ISO Norm</b>	ISO/IEC 14443A
<b>Product form</b>	rectangular
<b>Functions</b>	7 Byte UID, true anticollision, rewritable
<b>Material thickness</b>	0,86 mm (T)
<b>Chip</b>	MIFARE Classic EV1
<b>Antenna</b>	Aluminium
<b>Type</b>	Card

<b>Adhesive layer</b>	No
<b>Water resistance</b>	waterproof (IP67)

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