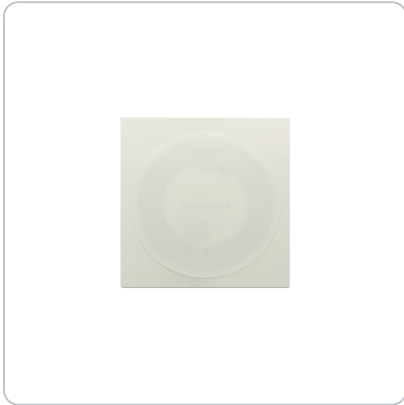


Product number: 68704

NFC Sticker PET - 38 mm - MIFARE DESFire EV1 2k - 2048 Byte - white



Product information

The white PET sticker offers a high level of security due to its integrated NXP DESFire EV1 chipset and is therefore ideally suited for locking systems, access control, payment applications or intelligent systems in public transport.

Short description

- PET material, flexible, self-adhesive
- not suitable for metallic/conductive surfaces
- 38 mm diameter
- Indoor use, conditionally also outdoor use
- Ambient temperature from -25 to +70 degrees
- NXP MIFARE DESFire EV1 2k - 2048 Byte

Product description

NFC product

The surface material of the white NFC sticker is made of PET. The material is therefore conditionally waterproof, so the sticker can withstand moisture even in moderation. The sticker has a diameter of 38 mm and a material thickness of 0.20 mm. The antenna is easily visible from the outside, because the sticker is white. The chipset of the sticker is compatible with all NFC-enabled smartphones.

NFC chip

The PET sticker is equipped with the original MIFARE DESFire EV1 2k (MF3ICD21). The MIFARE DESFire series is intended for the realization of applications with high security requirements and offers corresponding security functions that enable the protected storage of data on the chip.

The MIFARE DESFire EV1 2k has a total capacity of 2048 bytes, which can be used by up to 28 applications. The DESFire EV1 2k chip has a 7-byte UID. The NFC chip can be written up to 500,000 times and has a data retention of 10 years. The chip is Common Criteria (EAL4+) certified and offers 3-DES or AES128 compliant encryption, among other features. The MIFARE DESFire EV1 2k is compatible with all NFC-enabled terminals. Due to the special functions, special hardware (locking system) or software (app) is usually required for use. Feel free to contact us to clarify compatibility with your application.

- Total capacity: 2048 bytes
- Free memory: -
- Usable memory NDEF: -

Product properties

Product number	68704
Detail colour	white
Frequency	13.56 MHz
Chip standards / ISO Norm	ISO/IEC 7816-4, ISO/IEC 14443A
Data transfer rates	212 kbit/s, 106 kbit/s, 848 kbit/s, 424 kbit/s
Material thickness	0,2 mm (T)
Storage temperature	Min -55°C - Max +125°C
Type	Sticker
Operating temperature	Min -25°C - Max +70°C
Data retention	10 years
Number of write operations	100.000 times
Colour category	white
Material	PET
Product form	round
Compatibility	to NFC-enabled smartphones: 100%
Weight	1 g
Available colours	white
Dimensions	38 mm Ø
Adhesive layer	Yes
Antenna	Aluminium
NFC Forum Type	NFC Forum type 2
Chip	MIFARE DESFire EV1

Memory	2048 Byte
---------------	-----------

More images