

MIFARE Stickers

Self-adhesive RFID labels for systems that require a specified MIFARE chip and credential format. Choose the chip family, UID format and label construction to match your reader and mounting surface; metal surfaces need a suitable on-metal design. Include size, artwork, quantity and encoding requirements in your enquiry, and validate a sample before approving the batch.

Chip options

Chip	Memory	Security	Typical use
MIFARE Classic 1K / 4K (EV1)	1 KB or 4 KB in 16 or 40 sectors	Crypto-1, a proprietary cipher that has been publicly broken since 2008	Legacy access control, membership and loyalty where installed readers still require Classic
MIFARE Plus EV1 / EV2	2 KB or 4 KB	AES-128 in security level 3; Classic-compatible in security level 1	Migrating a Classic system to AES without replacing every reader at once
MIFARE DESFire EV2 / EV3	2 KB, 4 KB or 8 KB, file based	AES-128, Common Criteria EAL5+ certified	Transport, campus and multi-application credentials
MIFARE Ultralight EV1 / Ultralight C	Up to 144 bytes	Password (EV1) or 3DES authentication (C)	Tickets, single-event passes, low-cost item tagging
NTAG213 / 215 / 216	144, 504 or 888 bytes of user memory	Password protection and an originality signature	NFC Forum Type 2 applications: URLs, review links and product information; test intended phones

On-metal label or thin wet inlay?

Construction	Where it works	Thickness class	Confirm before ordering
Thin wet inlay (paper, PVC or PET face)	Plastic, glass, paperboard, wood and other non-metal surfaces, including curved ones such as a phone case or a bottle	Thinnest: a sub-millimetre label that bends with the surface	Face material and adhesive for the surface and environment; the read distance on the filled package, not on a bare sample
Ferrite-backed on-metal label	Steel, aluminium and other metal: laptops, tool boxes, machinery, cabinets and gas cylinders	Thicker, because the ferrite isolation layer adds height	That the on-metal (ferrite) version is specified; that the shorter read distance is acceptable; a sample tested on the actual metal object

MIFARE sticker or NTAG sticker?

If the label is read by...	Choose	Because
An access, membership or transport reader	A MIFARE sticker in the chip the system specifies	The reader enrolls a named chip and credential format; the sticker must match it
A member of the public tapping a phone	An NTAG NFC sticker	NTAG is an NFC Forum Type 2 tag that iPhone and Android read natively; MIFARE Classic is not read by iPhones and only optionally by Android

Ordering

- Free standard samples; customised samples carry a setup fee.
- Standard lead time is 2–3 weeks.
- Quote-only pricing—send your quantity for a quotation.
- Printing, numbering and encoding options are available for the selected product and material.

Contact

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