



Purchase Code: 500.402

AcuMifare Label 1K

The AcuMifare 1K Label is the best solution for applications needing greater security in data transmission. It has 1Kbyte memory and triple encryption, ideal for monetary transactions. It is discreet, has excellent reading performance and can be applied on a variety of non-metallic surfaces.

• Features

The AcuMifare 1K Proximity Label is a passive RFID tag that is part of the AcuMifare line with read/write and adhesive for onsite application. The tag follows the ISO / IEC 14443 Type A standard, has 1Kbyte memory and operates at a frequency of 13.56 MHz, compatible with all AcuMifare readers. The AcuMifare 1K Label is discrete and has excellent reading performance and allows printing on the surface.

• Advantages

- Greater security in data transmission;
- 1K memory and triple encryption;
- Discreet, suitable for various applications;
- Compatible with the AcuMifare reader family.

• Technical Specifications

Electrical Characteristics

Technology	HF - (High Frequency / passive)
Type	Label
Protocol	ISO/IEC 14443-A
Frequency of Operation	13,56 MHz
Chip RFID	NXP-MF01CU1 or compatible
Memory Configuration	512 bits
Reading Range*	Up to 3 cm with Reader AM-08 Up to 4 cm with Reader AM-11
Applications	Tickets / Access Control / Identification / On non-metallic surfaces.
Lifetime**	10 years data retention 100,000 write cycles

Operational Characteristics

Material	Bright white paper
Dimensions	44 x 20 mm
Operating Temperature	-25°C to +65°C
Storage Temperature	-25°C to +65°C
Degree of Protection	Not Applicable (label)
Fastening Means	Self-Adhesive

* Please consider powering reader with a regulated and stabilized 12V DC power source. Installation in an environment without electromagnetic noise and without the presence of metal surfaces near the reader will produce the best results.

** Within specifications.

• Dimensions [mm]

