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# AcuMifare Label UL

The AcuMifare UL Label is the best solution for applications for greater security in data transmission. It has 512-bit memory and triple encryption and is ideal for monetary transactions. It is secure, has excellent reading performance and can be applied on various non-metallic surfaces.

## • Features

The AcuMifare UL proximity Label is a passive RFID tag, part of the AcuMifare line, that allows read and write and has a self-adhesive ready for application to the many surfaces. This tag follows the ISO / IEC 14443 Type A standard. It has 512-bit memory and operates at a frequency of 13.56 MHz, compatible with all AcuMifare readers. The AcuMifare UL Label is secure and has good read performance and allows printing.

## • Advantages

- Greater security in data transmission;
- 512-bit Memory and triple encryption;
- Secure and suitable for a variety of applications;
- Compatible with the AcuMifare family of readers.

## • 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]

