



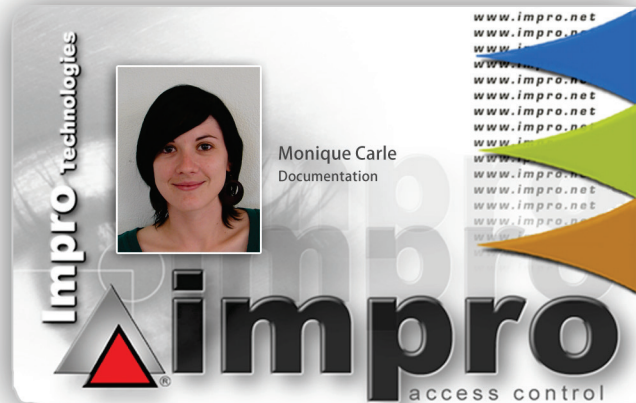
impro®

RFID Tags

Product Specifications Catalogue

www.impro.net

Impro Credit Card Dual Frequency Mifare/125 kHz Tag



Overview

Impro provide a wide range of high-quality RFID tags for use with their range of access control systems. These tags are manufactured to international standards, providing long and trouble-free operation in the field.

The Impro Credit Card Mifare Tag is manufactured using fully automated direct bonding technology, resulting in a high quality, first class card, with an excellent surface for superior printing results.

The card has dimensions and tolerances that comply with the ISO 7813 standard. The cards are subjected to comprehensive qualification testing.

This is a flexible ISO standard Mifare credit card tag designed to suit most 13.56 MHz proximity applications.

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Specifications

Physical

Dimensions	
Length	: 86 mm (3.4 in).
Width	: 54 mm (2.12 in).
Thickness	: 0.8 mm ± 0.04 mm (in).
Approximate Weight	: 5.8 g (0.21 oz).
Material	: PVC.
Colour	: White/Glossy White.

Environmental

Temperature	
Operating	: -25°C to +65°C (-13°F to +149°F).
Storage	: -25°C to +65°C (-13°F to +149°F).
Enclosure Rating	: IP67.
Stress Endurance	: The card is designed to endure common stresses found in use with access control and time and attendance systems.

Electrical

Operating Frequency	14 MHz ± 500 kHz and 125 kHz ± 6 kHz
Encoding	: 64-bit ASK Manchester.
Reader Interface	: Read-only.

Compatibility

This card is compatible with all Impro Mifare 13.56 MHz and 125 kHz readers

Standards

Dimensions – ISO 7813, Mifare – ISO/IEC 14443

Warranty

One year.

Product Codes

TMC912-4-0-NN-XX	:	ISO Mifare Credit Card (Full description: Dual Frequency Tag, 13.56 MHz Mifare, Read / Write 4K & 125 KHz Omega Read Only Chip and Coils combined in a single ISO Credit Card Tag.
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This Product Specification Catalogue applies to the ISO Credit Cards listed under Card Options
(The last two digits of the Impro stock code point to the issue status of the product).

TMC350-0-0-NN-01	Issue 02	July 2016	Impro Tags\Product Specification Catalogue\LATEST ISSUE\credit card dual freq Mifare-psc-en-02.doc
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