



# ISO Credit Card Tags

## Product Specification Catalogue

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 ISO Print Quality Credit Card 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 7816-1 type ID-11 standard. The cards are subjected to comprehensive qualification testing exceeding ISO requirements.

This is a flexible ISO standard credit card Tag designed to suit most 125 kHz proximity applications.

## Physical Specifications

Length	:	85.60 mm (3.37 in) ± 0.12 mm (0.005 in).
Width	:	53.98 mm (2.11 in) ± 0.05 mm (0.002 in).
Thickness	:	0.76 mm (0.03 in) ± 0.04 mm (0.002 in).
Approximate Weight	:	2 g (0.07 oz).
Material	:	PVC.
Colour	:	White/Glossy White.
Slots	:	Unslotted.

## RFID Tags

(ISO Credit Card Tags – Print Quality)

TOC912-1-0-NN-XX

## Environmental Specifications

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

## Electrical Specifications

Operating Frequency	:	125 kHz ± 6 kHz.
IC Type	:	UNIQUE 64-bit ASK Manchester.
Encoding	:	64-bit ASK Manchester.
Reader Interface	:	Read-only.

## Compatibility Information

These cards are compatible with all current Impro 125 kHz ImproX access control systems.

## Printing Information

Both sides are fully printable using offset, thermo-transfer and dye sublimation printing.

## Standards Information

Dimensions – ISO 7816-1 type ID-11.

## Ordering Information

Order the ISP Credit Card Tag using the following Part Number:

- TOC912-1-0-NN-XX: ISO Credit Card Tag, Print Quality, no slot, no magnetic stripe, White, Manchester, 125 kHz, Omega.

## Warranty Details

One year.

This Product Specification Catalogue applies to the ISO Credit Card Tag, Print Quality, no slot, no magnetic stripe, White, Manchester, 125 kHz, Omega, TOC912-1-0-NN-00.

(The last two digits of the Impro stock code point to the issue status of the document or product).

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