UHF RFID · 860–960 MHZ · PRINTABLE LABEL ROLL

ID-1790

A printable UHF label roll that puts a barcode and an RFID number on the same label.

EPC Gen2 / ISO 18000-6C | 860–960 MHz | Label roll | Printable | Up to 6 m

Add RFID to the labels you already print.

The **Identium ID-1790** is a printable UHF RFID label on a roll, for teams that already print barcode labels and want to add RFID without changing how labels are made. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band.

Loaded into a UHF RFID printer, each label gets its text and barcode printed while the printer writes the EPC in the same pass. It reads at up to 6 m, depending on the reader antenna and environment, on a thin, flexible build for flat and curved surfaces.



6 m
Max. read range, typical

860–960
MHz, covers 865–868

865–868
MHz, India UHF band

Gen2
ISO 18000-6C protocol

1 pass
Print and encode together

WHAT IT DOES

Read, stick and print in-house

READ
EPC Gen2 UHF inlay

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868
- Up to 6 m, typical
- Bays counted by a handheld

STICK
Thin, flexible label

- Cartons, plastic and paper
- Flat and curved surfaces
- Shelf items and assets
- Bins and totes

PRINT AND ENCODE
Your label printer workflow

- Text and barcode on the face
- EPC written in the same pass
- SGTIN or your asset code
- Same number as the barcode

WHERE IT WORKS

Where the label goes

Retail stock
Shelf and stockroom

Stockrooms
Stockroom inventory

Asset register
Fixed-asset tags

Cartons
Carton labelling

Bins and totes
Between stores

Equipment
Plastic-cased kit

HOW IT WORKS

From a printed label to your stock or asset register

Your items
Shelf stock, furniture, files, equipment, cartons, bins and totes

ID-1790
PRINTABLE UHF RFID LABEL
- Carries your text and barcode
- Holds an SGTIN or asset code
- Same number as the barcode
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m, typical

UHF reader
Handheld counting a bay, or a fixed reader between stores and godowns

Your software
Retail stock, fixed-asset register or branch transfer records

Test before a full run
Print a short test batch and confirm every label reads on your handheld, as encoder settings vary by label.

WHY THE ID-1790

RFID in the labels you already print

Same workflow, plus RFID
Teams that already print barcode labels add RFID without changing how labels are made.

Barcode and RFID together
Text and barcode on the face, EPC in the chip, written by the printer in one pass.

One number, two ways to scan
Encode an SGTIN or your asset code and print the same number as a barcode, for staff with or without a reader.

Up to 6 m read range
Typical figure; the reader antenna, power, orientation and item set the range you get.

Counts without line of sight
A handheld counts a retail bay or a stockroom shelf without scanning each barcode.

Assets and transfers
Furniture, files and plastic-cased equipment on a fixed-asset register; cartons and totes between branches.

Covers India's UHF band
Responds across 860–960 MHz, including India's 865–868 MHz band.

On-metal tags to match
Made for cartons, plastic and paper; for metal assets or liquid-filled containers, choose our on-metal UHF tags.

CHIP AND MEMORY

Air interface

PARAMETER	ID-1790	NOTES
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Encoding	SGTIN or your asset code	Printed as a barcode too
Read range	Up to 6 m	Depends on reader antenna and environment
Form factor	Printable label roll	Standard UHF RFID printers

Run the printer's RFID calibration so the encoder lines up with the chip, then test a few labels first.

AT A GLANCE

- Printable UHF RFID label on a roll
- Text, barcode and EPC in one printer pass
- Up to 6 m, depending on reader antenna and environment

SUPPLIED AS

- Printable UHF RFID label rolls
- Blank, or custom printed with pre-encoded numbers
- Samples to test on your own printer first

ORDERING

ID-1790	Printable UHF RFID label, EPC Gen2 / ISO 18000-6C, 860–960 MHz, up to 6 m, label roll.

SPECIFICATIONS

Technical data

RF	
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Read range	Up to 6 m, depending on antenna and environment

ENCODING	
Printers	Standard UHF RFID label printers

LABEL	
Form factor	Printable UHF RFID label
Packaging	Label roll
Material	Flexible, thin substrate
Surfaces	Cartons, plastic and paper

PRODUCT VIEWS

The UHF inlay inside the label



Print a test batch on your printer.

Ask for samples or a quotation with the quantity, and tell us what you are labelling and whether you need the labels blank, printed or pre-encoded.

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Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.