UHF RFID · 860–960 MHZ · COMPACT INLAY LABEL

ID-1070

A compact UHF inlay label for print-and-encode work on cartons, parcels and bales.

EPC Gen2 / ISO 18000-6C | Up to 6 m read range | 860–960 MHz | Print and encode | Compact inlay label

Printed, encoded and applied by the roll.

The **Identium ID-1070** is a compact EPC Gen2 UHF RFID inlay label for work where labels are printed, encoded and applied in large numbers. It responds across 860–960 MHz, covering India's 865–868 MHz band, and reads at up to 6 m.

Use it on shipping cartons, courier parcels, textile bales and fabric rolls, and as asset labels for furniture and other non-metal fixtures. A UHF RFID printer writes the EPC and prints the text and barcode in one pass, so every label carries both.



6 m — Read range, up to

860–960 — MHz response band

865–868 — MHz, India UHF band

Gen2 — EPC air interface

1 pass — Print and encode

WHAT IT DOES

Read, stick and print

READ
Gen2 UHF, up to 6 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Cycle counts and shelf audits
- Dock-door reads

STICK
Self-adhesive inlay label

- Flat, non-metal faces
- Cartons, parcels, bales
- Same place on every item
- On-metal tags for metal racks

PRINT
Print and encode in one pass

- Runs in UHF RFID label printers
- EPC, text and barcode together
- Tell us your printer model
- Your EPC encoding scheme

WHERE IT WORKS

Where it goes

Cartons — Carton and parcel labels

Courier hubs — Parcel sortation

Textiles — Bales and fabric rolls

Retail SKUs — Retail SKU labelling

Fixed assets — Furniture and fixtures

Pharma packs — Secondary packaging

HOW IT WORKS

From a tagged item to your software

Your items
Cartons, courier parcels, textile bales, fabric rolls and fixtures

ID-1070 label
COMPACT UHF INLAY LABEL
- Printed with text and barcode
- Encoded with your EPC in one pass
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- Read at the dock door or shelf

UHF reader
Gen2 handheld, fixed or desktop reader on 865–868 MHz; up to 6 m

Your software
Logistics, courier sortation, retail or fixed-asset software

Print and encode in-house
Our UHF RFID printers print and encode labels in one pass; a desktop UHF reader encodes them at the desk.

WHY THE ID-1070

A label built for the printer

Print and encode in one pass
A UHF RFID printer writes the EPC and prints the readable text and barcode together, so every label carries both.

Made for volume
For labels printed, encoded and applied in large numbers on cartons, parcels, bales and fabric rolls.

Up to 6 m read range
Covers handheld cycle counts, shelf audits and dock-door reads; depends on reader antenna and surroundings.

Works with Gen2 readers
Handheld terminals, fixed portal readers and desktop encoders set to India's 865–868 MHz band.

Flat and gently curved
A thin, flexible face for flat and gently curved non-metal surfaces.

Matched to your line
Tell us your printer model and EPC scheme, and we confirm the build that matches your line.

Consistent reads
Apply in the same place and orientation on every item, and test at your working distance first.

A matching on-metal range
For metal racks, tools and machines, pair this label with our on-metal RFID tags.

CHIP AND AIR INTERFACE

Air interface and read range

PARAMETER	ID-1070	NOTES
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers and printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and environment
Formats	Compact inlay label	Self-adhesive
Printing	UHF RFID label printers	EPC, text and barcode in one pass

AT A GLANCE
- Compact UHF inlay label for print-and-encode jobs
- Up to 6 m, depending on antenna and environment
- Runs through standard UHF RFID label printers

SUPPLIED AS
- Compact self-adhesive UHF inlay labels
- Built to match your UHF RFID printer: give the printer model
- Share your EPC encoding scheme with your quotation request

ORDERING

ID-1070	Compact UHF RFID inlay label, EPC Gen2, 860–960 MHz, self-adhesive.

SPECIFICATIONS

Technical data

RF AND CHIP

Frequency	860–960 MHz, covering India's 865–868 MHz band
Protocol	EPC Gen2 / ISO 18000-6C
Read range	Up to 6 m; depends on the antenna and environment

SUPPLY

Build	Matched to your printer model
Encoding	Your EPC scheme

INLAY

Model	ID-1070
Form factor	Compact UHF inlay label
Mounting	Self-adhesive, flat or curved non-metal surfaces
Substrate	Thin and flexible

ENCODING AND READING

Readers	Standard EPC Gen2 UHF readers set to 865–868 MHz: handheld, fixed or desktop
Encoding	UHF RFID printer-encoder or desktop UHF reader
Printing	UHF RFID label printer, in the same pass as encoding

PRODUCT VIEWS

The UHF inlay antenna



Print a test batch on your line.

Ask for a quotation with the quantity, your printer or reader model and your EPC encoding scheme, and read a few labels at your working distance.

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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.