UHF RFID · 860–960 MHZ · GENERAL-PURPOSE LABEL

ID-3050

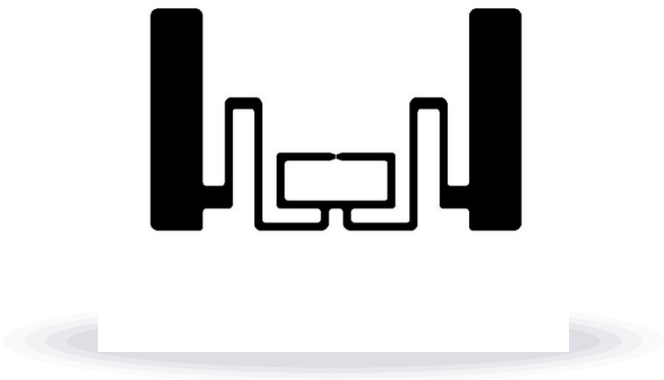
A general-purpose UHF label for cartons, bins, sleeves and documents, read at up to 6 m.

Gen2 UHF chip | EPC Gen2, 18000-6C | 865–868 MHz India | Up to 6 m read range | Lockable EPC

Stock one label instead of five.

If you would rather stock one label than five, the **Identium ID-3050** is a sensible default. This version carries a Gen2 UHF chip, works to ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and comes as an inlay, self-adhesive label or sticker.

It goes on printed cartons, paperboard sleeves, plastic bins and bound documents, and reads at up to 6 m with a suitable reader and antenna. Order it blank, or pre-printed and pre-encoded to your artwork and numbering.



6 m	3	865–868	860–960	18000-6C
Read range, up to	Formats to choose from	MHz, India UHF band	MHz response	ISO protocol, EPC Gen2

WHAT IT DOES

Read, stick, encode and lock

READ
Gen2 UHF chip

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band covered
- Up to 6 m, antenna-dependent
- Standard UHF readers

STICK
Flexible self-adhesive label

- Flat or curved surfaces
- Cartons and paperboard sleeves
- Plastic bins and documents
- Inlay or sticker formats too

ENCODE
Write it, then lock it

- RFID printer or desktop reader
- Serial, asset code or GS1 EPC
- Write-protect the EPC bank
- Pre-encoded on request

WHERE IT WORKS

Where the label goes

Cartons and cases
Case-level tagging

Kitting bins
Bins and line travellers

Books
Book distribution

Documents
Document and file tracking

Equipment kits
Event kits in and out

Pharma packs
Secondary pharma packs

HOW IT WORKS

From a labelled case to your software

Your items
Cartons, paperboard sleeves, plastic bins and bound documents

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ID-3050
GENERAL-PURPOSE UHF LABEL
- Holds a serial, asset or GS1 EPC
- EPC bank locked after writing
- Answers readers at 865–868 MHz
- Reads at up to 6 m
- Read in bulk, no line of sight

→

UHF reader
Handheld or fixed Gen2 reader set to the India band

→

Your software
Stock, dispatch, kitting or file-tracking records

Print and encode in-house
Use a UHF RFID printer when you also need text and a barcode; use a desktop UHF reader to encode plain stickers in batches.

WHY THE ID-3050

A default label for mixed stock

One label, many items
Printed cartons, paperboard sleeves, plastic bins and bound documents all take the same label.

Up to 6 m read range
With a suitable reader and antenna; dense pallets and the surroundings set the figure on site.

Lock the EPC
Write-protect the EPC bank after encoding, so tags keep the number you gave them.

Your numbering scheme
Serial numbers, asset codes or a GS1 scheme, depending on your software.

Inlay, label or sticker
Choose the format that suits your line: converting, printing on a UHF RFID printer or hand application.

Pre-printed or pre-encoded
Send your artwork and numbering scheme with the quote request, or print and encode in-house.

Test before volume
Read a fully loaded shelf or pallet with your own reader to confirm label placement before the roll-out.

A matching on-metal range
For metal assets, choose our on-metal RFID tags; for liquid-filled containers, our anti-liquid labels.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-3050	NOTES
Chip	Impinj Monza	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF RFID readers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
EPC bank	Lockable	Write-protect after encoding
Read range	Up to 6 m	Depends on antenna and environment

Impinj and Monza are trademarks of Impinj, Inc.

AT A GLANCE

- One label for cartons, sleeves, bins and documents
- Up to 6 m, depending on antenna and environment
- Blank, or pre-printed and pre-encoded on request

SUPPLIED AS

- Inlay, self-adhesive label or sticker
- Blank, or pre-printed and pre-encoded to your artwork and numbering
- Give the format, quantity, artwork and numbering scheme with your quotation request

ORDERING

ID-3050	General-purpose UHF RFID label, Gen2 chip, up to 6 m; inlay, label or sticker.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Impinj Monza
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India 865–868 MHz)
Read range	Up to 6 m; depends on antenna and environment

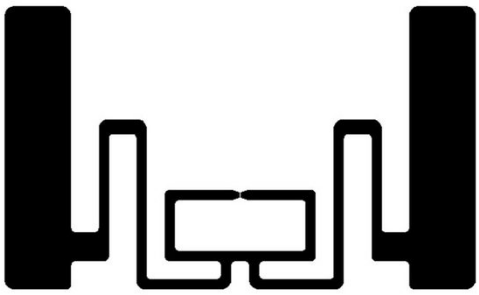
ORDERING	
Model code	ID-3050-IMPINJ
Options	Blank, pre-printed or pre-encoded

LABEL	
Type	Inlay, self-adhesive label or sticker
Substrate	Thin, flexible
Mounting	Self-adhesive; flat or curved non-metal surfaces

ENCODING AND READING	
Encoding	UHF RFID printer or desktop UHF reader
Readers	Standard EPC Gen2 UHF readers, 865–868 MHz

PRODUCT VIEWS

The UHF inlay antenna



One label for your whole stockroom.

Ask for a quotation with the quantity and format, and send your artwork and numbering scheme if you want the labels pre-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.