UHF RFID · 860–960 MHZ · CONTAINER LABEL

ID-2072-R6

A UHF label with an R6 chip for crates, totes, parts bins and work-in-progress batches.

R6 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Flat or curved faces

Know which crate is where.

The **Identium ID-2072-R6** is a thin, flexible UHF RFID label on the R6 chip for flat or curved non-metal surfaces. Readers find it at up to 6 m: it speaks EPC Gen2 / ISO 18000-6C and responds across 860–960 MHz, India's 865–868 MHz band included.

It labels the containers that carry goods round a plant or distribution centre: plastic crates, totes, parts bins and the boxes holding a work-in-progress batch. Encode the container ID on an RFID printer and print the same number as a barcode.



6 m	R6	860–960	865–868	18000-6C
Read range, up to	Chip, EPC Gen2	MHz response band	MHz, India UHF band	ISO air interface

WHAT IT DOES

Read, stick and encode

READ
R6 chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868 MHz
- Up to 6 m, reader-dependent
- Gates, doorways and conveyors

STICK
Flat or curved non-metal faces

- Plastic crates and totes
- Parts bins and batch boxes
- A smooth, flat panel
- Visible when stacked

ENCODE
Print and encode the ID

- Container ID in the EPC
- Same number as a barcode
- Standard UHF RFID printers
- Label format for print-and-encode

WHERE IT WORKS

Where the label goes

Returnable crates
Crates out and back at the gate

Parts bins
Parts bin tracking

Work in progress
WIP batches stage by stage

Line-side kitting
Right bin, right workstation

Finished goods
Finished-goods cartons

Gate reads
Doorway and gate reading

HOW IT WORKS

From a labelled container to your software

Containers
Plastic crates, totes, parts bins and work-in-progress boxes

ID-2072-R6
UHF RFID LABEL FOR CONTAINERS
- Holds the container ID in the R6
- Shows the same number as a barcode
- Answers Gen2 readers at 865–868 MHz
- Read at gates, doors and conveyors
- Up to 6 m, reader-dependent

UHF reader
Fixed reader at a gate or conveyor, handheld for spot counts

Your software
Crate pools, kitting, WIP tracking or your ERP

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

WHY THE ID-2072-R6

A label for the containers that move

Count returnable crates
Count crates leaving for, and coming back from, suppliers and dealers as they pass a reader at the gate.

Right bin, right station
Kitting and line-side bins are confirmed at each workstation with a fixed reader.

Log every WIP stage
A fixed reader above a doorway or conveyor logs each batch at every stage.

Up to 6 m read range
Depending on reader power, antenna and how the crates are stacked.

ID in the chip and as a barcode
Encode the container ID on an RFID printer and print it as a barcode for manual fallback.

Flat or curved surfaces
A thin, flexible substrate for smooth panels on crates, totes and bins; place it where it shows when stacked.

Works on India's UHF band
Responds across 860–960 MHz, which covers India's 865–868 MHz band, on standard EPC Gen2 readers.

A matching on-metal range
For steel bins, cages and trolleys, pair this label with our on-metal UHF tags.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-2072-R6	NOTES
Chip	Impinj Monza R6	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
Read range	Up to 6 m	Depends on reader, antenna and environment

Impinj and Monza are trademarks of Impinj, Inc.

AT A GLANCE
- UHF label for crates, totes, bins and WIP batches
- Up to 6 m, depending on reader, antenna and environment
- Prints and encodes on standard UHF RFID printers

SUPPLIED AS
- ID-2072-R6 labels in the quantity you order
- Label format for print-and-encode on UHF RFID printers
- Quoted to your containers

ORDERING

ID-2072-R6 UHF RFID label, R6 chip, EPC Gen2, 860–960 MHz, for flat or curved non-metal surfaces.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Impinj Monza R6
Read range	Up to 6 m; depends on reader, antenna and environment

LABEL	
Model	ID-2072-R6
Form factor	UHF RFID label
Material	Thin, flexible substrate
Mounting	Flat or curved non-metal surfaces

ENCODING AND READING	
Printing	Standard UHF RFID printers
Readers	Standard EPC Gen2 UHF readers, 865–868 MHz

PRODUCT VIEWS

The UHF inlay inside the label



Label a sample of your crates.

Ask for a quotation with the quantity, and tell us about your crates and bins, including any that are washed, so we can trial the label on them.

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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.