UHF RFID · 860–960 MHZ · FLEXIBLE LABEL

ID-6040-M4

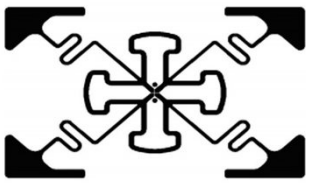
A flexible UHF label with an M4 chip for factory bins, cartons, crates and equipment.

M4 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Flexible substrate

A proven chip for factory tagging.

The **Identium ID-6040-M4** is a flexible UHF RFID label on the M4 chip, a mature generation that mainstream readers, printers and middleware already support. Gen2 / ISO 18000-6C readers on India's 865–868 MHz band read it at up to 6 m, within its 860–960 MHz response.

Factories and maintenance stores use it on plastic bins, cartons, crates and equipment. The thin substrate follows mild curves on bins and housings, and the label prints and encodes on standard UHF RFID printers.



6 m	M4	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, fix and mark

READ
M4 chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868 MHz
- Up to 6 m, reader-dependent
- Fits existing reader set-ups

FIX
Flexible label

- Plastic bins and crates
- Follows mild curves
- Rolled on with even pressure
- Clean, dry, non-metal face

MARK
Print and encode

- Part number as readable text
- Same number in the EPC
- Standard UHF RFID printers
- Custom printed and pre-encoded

WHERE IT WORKS

Where the label goes

WIP and kanban
WIP bins and kanban

Finished goods
Finished-goods cartons

Spares stores
Maintenance spares bins

IT assets
Office and IT equipment

Plastic crates
Plastic crates and totes

Wooden crates
Wooden crates

HOW IT WORKS

From a labelled bin to your plant records

Plant items
Plastic bins, cartons, crates and equipment with plastic housings

ID-6040-M4
FLEXIBLE UHF RFID LABEL
- Shows the part number as text
- Holds the same number in the M4
- Answers Gen2 readers at 865–868 MHz
- Read at dispatch or in audits
- Up to 6 m, reader-dependent

UHF reader
Handheld for bin and asset audits, fixed reader at dispatch

Your software
MES, ERP, maintenance stores or asset register

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-6040-M4

Fits the readers you already run

A mature, widely supported chip
The M4 generation is supported by mainstream UHF readers, printers and middleware, so it fits an existing set-up.

Up to 6 m read range
Depending on reader antenna, transmit power, orientation and the surface it is on.

WIP and kanban bins
Tag plastic WIP bins and kanban containers on assembly lines, and read finished cartons at dispatch.

Maintenance stores
Spare-part bins in plant stores and plastic-housed IT equipment, counted in periodic audits.

Follows mild curves
The thin, flexible substrate follows curves on bins and housings; roll it on so every edge stays down.

Readable without a reader
Print the part number as text next to the encoded EPC so line operators can cross-check by eye.

Printed and pre-encoded
Bulk orders can be custom printed and pre-encoded with your part-number scheme.

A matching on-metal range
For steel bins, coolant drums and foil-lined packs, choose our on-metal UHF labels.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-6040-M4	NOTES
Chip	Impinj Monza 4	Supported by mainstream readers and middleware
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader
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
- Flexible UHF label for bins, cartons, crates and equipment
- Up to 6 m, depending on reader, antenna and environment
- Custom printing and pre-encoding for bulk orders

SUPPLIED AS
- ID-6040-M4 labels in the quantity you order
- Blank, or printed and pre-encoded with part numbers
- Quoted to what you are tagging

ORDERING

ID-6040-M4	Flexible UHF RFID label, M4 chip, EPC Gen2, 860–960 MHz.

SPECIFICATIONS

Technical data

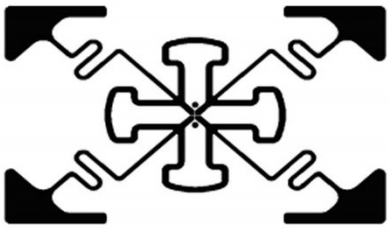
RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Impinj Monza 4
Read range	Up to 6 m; depends on reader, antenna and environment

LABEL	
Model	ID-6040-M4
Form factor	Compact flexible UHF label / inlay
Material	Thin, flexible substrate
Surfaces	Plastic bins, cartons, crates and equipment

ENCODING AND READING	
Printing	Standard UHF RFID printers
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz

PRODUCT VIEWS

The UHF inlay inside the label



Trial it on your own line.

Ask for a quotation with the quantity, and tell us what you are tagging and your part-number scheme if you want the labels printed and 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.