UHF RFID · 860–960 MHZ · WET INLAY

ID-1027-R6

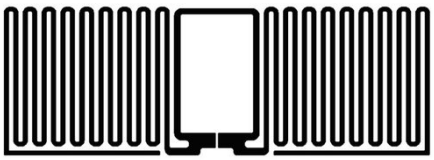
A compact R6 wet inlay for medicine cartons, hospital stock and pharma shipments.

R6 chip, EPC Gen2 | ISO 18000-6C | 860–960 MHz | Up to 6 m | Wet inlay

Count a drug trolley without opening it.

The **Identium ID-1027-R6** is a compact UHF wet inlay on the R6 chip, made for tracking medicine cartons, sample boxes, injectable packs and hospital consumables. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m.

UHF reads many tags at once without line of sight, so a whole carton, tote or drug trolley is counted in one pass. Write a unique serial at the packing station on a UHF RFID printer, and print batch and expiry beside it.



6 m	860–960	865–868	18000-6C	1 pass
Read range, up to	MHz response	MHz, India UHF band	ISO air interface	Count a whole tote

WHAT IT DOES

Read, place and serialise

READ
R6 chip, EPC Gen2

- ISO 18000-6C, 860–960 MHz
- Up to 6 m, antenna dependent
- Many tags read in one pass
- No line of sight needed

PLACE
On the outer carton

- Outer carton or lid flap
- Same spot on every pack
- Thin, flexible substrate
- Carton layer over foil faces

SERIALISE
At the packing line

- Encode on UHF RFID printers
- Batch and expiry printed beside
- Linked to case and pallet codes
- Pre-encoded on request

WHERE IT WORKS

Where the tag goes

Medicine cartons
Medicine carton tracking

Pharmacy stores
Hospital pharmacy stores

Injectables
High-value injectables

Clinical trials
Clinical trial supplies

Case aggregation
Distributor case aggregation

Drug cabinets
Drug cabinet logging

HOW IT WORKS

From a tagged pack to batch and expiry records

Medicine packs
Cartons, sample boxes, injectable packs and hospital consumables

→

ID-1027-R6
UHF RFID PHARMA INLAY
- Sits on the outer carton or lid flap
- Holds a unique serial in the EPC
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- Counted with the whole tote

→

UHF reader
Cabinet, tunnel or handheld reader set to India's 865–868 MHz band

→

Your software
Batch, expiry and case aggregation records linked to each serial

Serialise at the packing line
Our UHF RFID printers write the serial and print batch and expiry in one pass; tags can also be supplied pre-encoded.

WHY THE ID-1027-R6

Pharma stock counted, not scanned

Count without opening
UHF reads many tags at once without line of sight, so a whole carton, tote or drug trolley is counted in one pass.

Made for pharma packs
A compact inlay for medicine cartons, sample boxes, injectable packs, lid flaps and hospital consumables.

Serialised at packing
Write a unique serial to the EPC with a UHF RFID printer and print batch and expiry beside it in readable text.

Ready for aggregation
Each serial can be linked to case and pallet codes for distributor aggregation in your software.

Up to 6 m read range
Depending on the reader antenna and environment: room for cabinet, tunnel and handheld reads.

Works with standard readers
EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, with standard UHF readers and printers.

Pre-encoded on request
Order tags pre-encoded with your serial numbers, or encode them in-house on a UHF RFID printer.

Placed for clean reads
On the outer carton or lid flap, with a carton layer over foil faces, in the same spot on every pack.

CHIP AND MEMORY

Chip and air interface

PARAMETER	ID-1027-R6	NOTES
Chip	Impinj Monza R6	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on antenna and environment
Format	Wet inlay	Thin, flexible substrate

Impinj and Monza are trademarks of Impinj, Inc.

AT A GLANCE

- R6 chip, EPC Gen2, reads at up to 6 m
- Made for medicine cartons and hospital stock
- Encodes on standard UHF RFID printers

SUPPLIED AS

- Wet inlays on the R6 chip
- Blank, or pre-encoded with your serial numbers
- Give the quantity and any encoding with your quotation request

ORDERING

ID-1027-R6 — UHF RFID pharma tag, R6 chip, wet inlay, EPC Gen2, up to 6 m read range.

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 antenna and environment)

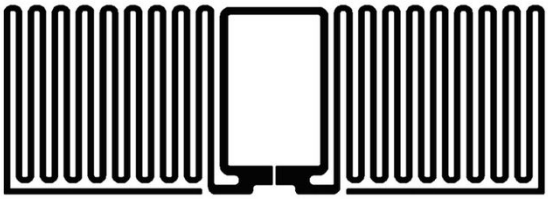
ENCODING	
Compatible with	Standard UHF RFID readers and printers
Serials	UHF RFID printer at the packing station, or pre-encoded

INLAY	
Packaging	Wet inlay
Material	Flexible, thin substrate
Placement	Outer carton or lid flap, same spot on every pack

DATA	
EPC	Unique serial per pack
Printed beside it	Batch number and expiry in readable text

PRODUCT VIEWS

The R6 inlay



Test the tag on your own packs.

Ask for a quotation with the quantity and any pre-encoding, and test samples on a fully loaded tote with your own reader.

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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.