UHF RFID · 860–960 MHZ · 15 × 40 MM INLAY

ID-1540

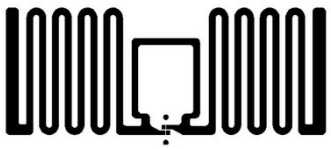
One 15 × 40 mm EPC Gen2 UHF inlay for cartons, plastic totes, files and packaged goods.

Converter-friendly | EPC Gen2 / ISO 18000-6C | 15 × 40 mm | Up to 7 m read range | Wet inlay or label

One part number for a mix of items.

Many projects tag more than one kind of item. The **Identium ID-1540** covers that mix: a 15 × 40 mm UHF inlay on a UHF Gen2 chip, working to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reading at up to 7 m.

Use the same inlay on warehouse cartons, plastic totes on the line and files in the record room. It comes as a wet inlay or a smart label, and its thin, flexible base suits label converting.



7 m	15 × 40	Gen2	860–960	865–868
Read range, up to	mm, nominal size	UHF chip	MHz response band	MHz, India UHF band

WHAT IT DOES

Read, place and encode

READ
UHF chip, up to 7 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Up to 7 m, reader-dependent
- Handheld or fixed readers

PLACE
One inlay, many items

- Totes: on an outer side wall
- Files: near the top edge
- Cartons: the same face each box
- Wet inlay or smart label

ENCODE
Your numbering scheme

- GS1 numbers or your own
- UHF desktop reader or printer
- Laminate under your face stock
- Test a sample on each surface

WHERE IT WORKS

Where it goes

Mixed stock
Mixed-category stock

Totes and bins
Warehouse totes and bins

Files and dockets
Office files and dockets

Event kits
Event equipment kits

Furniture
Wood and laminate furniture

Converting
Label and ticket converting

HOW IT WORKS

From a tagged item to your software

Your items
Cartons, plastic totes and bins, files and dockets, packaged goods

ID-1540 inlay
15 × 40 MM UHF INLAY
- One part for cartons, totes, files
- Holds your EPC in the UHF chip
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m
- Swept by a handheld along a shelf

UHF reader
Gen2 handheld, fixed or desktop reader on 865–868 MHz; up to 7 m

Your software
Warehouse, file tracking, asset register or your own system

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-1540

One inlay across the whole project

One part number
Tag cartons in the warehouse, plastic totes on the line and files in the record room with the same inlay.

Up to 7 m read range
Depends on the reader antenna, output power and the material behind the tag.

Placement for totes
Fix it on an outer side wall of each tote or bin, so the contents sit behind the reader's view.

Placement for files
Place it near the top edge of the cover so a handheld swept along the shelf picks it up.

Works with Gen2 readers
Covers 860–960 MHz, including 865–868 MHz, the UHF band that is licence-exempt in India.

Your own numbering
Write GS1 numbers or your own scheme with any standard UHF reader-writer or RFID printer.

Converter-friendly
Laminate it under your own printed face stock, or build it into tags and tickets.

Matching specialist tags
For metal assets, choose our on-metal tags; for liquid-filled containers, our anti-liquid UHF labels.

CHIP AND AIR INTERFACE

Chip, air interface and range

PARAMETER	ID-1540	NOTES
Chip	Qstar	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader or printer
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 7 m	Depends on reader, antenna and environment
Formats	Wet inlay or smart label	15 × 40 mm, nominal

AT A GLANCE
- 15 × 40 mm UHF inlay for mixed items
- Up to 7 m, depending on antenna and environment
- Made for cartons, totes, files and packaged goods

SUPPLIED AS
- Wet inlays or smart labels, 15 × 40 mm (nominal)
- Encoded with GS1 numbers or your own scheme, in-house on a reader or printer
- Test a sample on each surface type before ordering in volume

ORDERING

ID-1540	UHF RFID inlay 15 × 40 mm, UHF chip, EPC Gen2, 860–960 MHz; wet inlay or smart label.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz, covering India's 865–868 MHz band
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Qstar
Read range	Up to 7 m; depends on the antenna and environment

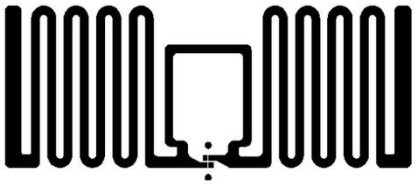
SUPPLY	
Formats	Wet inlay or smart label
Encoding	GS1 numbers or your own scheme

INLAY	
Model	ID-1540
Dimensions	15 × 40 mm (nominal)
Substrate	Thin and flexible, suited to label converting
Typical items	Cartons, plastic totes, files, packaged goods

ENCODING AND READING	
Readers	Any EPC Gen2 UHF reader 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



Test one inlay on all your items.

Ask for a quotation with the quantity and format, and tell us which items you are tagging and the numbering scheme you use.

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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.