UHF RFID · 860–960 MHZ · JEWELLERY PACKAGING LABEL

B42

A compact UHF label for jewellery pouches, boxes and packets: count packed stock unopened.

EPC Gen2 UHF | 860–960 MHz | 865–868 MHz India | Up to 6 m, open area | Pouches and boxes

Count the safe without opening a pouch.

Much of a jeweller's stock never sits on display: it waits in pouches, boxes and sealed packets in the safe, the vault or a wholesaler's stock room. The **Identium B42** is a compact EPC Gen2 UHF RFID label made for that packaging.

Stick one on each pouch or box and link its EPC to the item record, and a drawer of packed pieces is counted with a reader instead of being opened and checked one by one. It answers across 860–960 MHz, covering India's 865–868 MHz band.



6 m	865–868	860–960	Gen2	18000-6C
Read range, open area	MHz, India UHF band	MHz response	EPC Class 1 Gen2 UHF	ISO protocol

WHAT IT DOES

Stick, encode, count the drawer

STICK
On the packaging

- Inside the pouch or on the box
- Or on the back of the price tag
- Clear of chains and clasps
- Flat or curved packaging

ENCODE
Your own item code

- Item or SKU code in the EPC
- RFID printer or desktop reader
- Linked to the item record
- Done at the tagging desk

COUNT
Packed stock, unopened

- Drawer pulled out, reader close
- Handheld held over the packets
- Lower power per drawer
- Whole drawer in one sweep

WHERE IT WORKS

Where the label works

Safe and vault
End-of-day safe counts

Wholesale stock
Silver and fashion lines

Gold loan packets
Packets at loan branches

Branch transfers
Stock between branches

Pouches and boxes
Jewellery packaging

Exhibitions
Stock out to exhibitions

HOW IT WORKS

From a packed pouch to a reconciled count

Packed pieces
Pouches, boxes and sealed packets in the safe, vault or stock room

B42
UHF JEWELLERY PACKAGING LABEL
- Holds your item or SKU code
- Sits on the pouch, box or tag
- Answers readers at 865–868 MHz
- Up to 6 m in open conditions
- Counted drawer by drawer

UHF handheld
Held close over the pulled-out drawer, power set per drawer

Your software
Jewellery software compares the count with the item list

Encode at the tagging desk
A desktop UHF reader writes new labels at the tagging desk; a UHF handheld counts safes, vaults and stock rooms.

WHY THE B42

RFID for the stock nobody sees

Made for packaging
A compact label for the pouches, boxes and ornament packets that hold each piece.

Safe and vault counts
End-of-day counts of packed stock in showroom safes and vaults, drawer by drawer.

Gold loan packets
Ornament packets held at gold loan branches are counted without opening each packet.

Wholesale volumes
Silver and fashion jewellery wholesalers count large item numbers in packed form.

Adhesive off the piece
Fixed to the pouch, box or price tag, the label stays tuned and keeps adhesive off the ornament.

Your own codes
EPC Gen2, so you write your own item or SKU code with a UHF RFID printer or desktop reader.

One drawer at a time
Hold the reader close or lower its power, so the next drawer is not counted twice.

More jewellery formats
For ticket-on-piece tagging and tray counting, choose from our full RFID jewellery tag range.

AIR INTERFACE

Air interface and memory

PARAMETER	B42	NOTES
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
EPC	Your item or SKU code	Written with a printer or desktop reader
Read range	Up to 6 m	Open conditions; depends on antenna and environment
Form factor	Compact UHF label	Pouches, boxes and packets

Read range depends on the reader, antenna and the packaging around the label.

AT A GLANCE

- Compact label for jewellery pouches, boxes and packets
- Counts packed stock without opening each pouch
- Up to 6 m in open conditions

SUPPLIED AS

- Compact UHF jewellery labels for packaging
- Give the quantity with your quotation request

ORDERING

B42	UHF RFID jewellery label, EPC Gen2; model code ID-RFIDJEWELLERYLABELB42.

SPECIFICATIONS

Technical data

RF	
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

ENCODING AND READING	
Encoding	UHF RFID printer or desktop UHF reader
Counting	UHF handheld reader, 865–868 MHz

LABEL	
Model	ID-RFIDJEWELLERYLABELB42
Form factor	Compact UHF jewellery label
Substrate	Thin, flexible
Placement	Pouch, box or back of the price tag

PRODUCT VIEWS

The UHF inlay antenna



Count one safe drawer with RFID.

Ask for a quotation with the quantity, and tell us how your packed stock is stored: pouches, boxes or sealed packets.

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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.