UHF RFID · 865–868 MHZ · JEWELLERY STICKER

ID-1027-U8

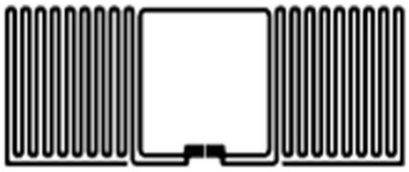
A 10 mm-wide printable UHF sticker for rings, nose pins, studs and loose stones.

R6-P chip | 128-bit EPC + 32 user | 865–868 MHz India | 0.2–1 m in a tray | 10 × 27 mm

RFID for the smallest pieces.

The **Identium ID-1027-U8** is a finished peel-and-stick UHF RFID label, 10 × 27 mm, for pieces where a larger tag would show. Its R6-P chip holds a 128-bit EPC and 32 bits of user memory, and works to EPC Gen2 / ISO 18000-6C at 865–868 MHz.

It sticks to a ring bridge or ring-box insert, the card or poly-bag tie of nose pins and studs, or the envelope of a loose diamond. The thin PET face takes thermal transfer printing, and it reads at 0.2–1 m in a tray, depending on the reader.



0.2–1 m	10 × 27	128-bit	32-bit	865–868
Read range, items in a tray	Sticker size, mm	EPC memory	User memory	MHz, India UHF band

WHAT IT DOES

Stick, print, count the tray

STICK — Aggressive adhesive

- Ring bridge or box insert
- Nose-pin and stud cards
- Loose-diamond envelopes
- Out of the customer's view

PRINT — Thermal transfer face

- Item code or small barcode
- Print and encode in one pass
- UHF RFID printer
- 32-bit user field spare

COUNT — Tray and showcase

- 0.2–1 m for items in a tray
- Handheld over the tray
- Or an under-counter reader
- Bridal sets checked complete

WHERE IT WORKS

Where the sticker goes

Rings	Nose pins, studs	Loose diamonds	Bridal sets	Tray audits	Ring-box inserts
Ring bridge or box insert	Cards and poly-bag ties	Envelope with the certificate	Every piece of the set	Trays and showcases	Inside the presentation box

HOW IT WORKS

From a tagged ring to a counted tray

Small pieces
Rings, nose pins, studs and loose diamonds in trays and showcases

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ID-1027-U8
10 × 27 MM UHF JEWELLERY STICKER
- Printed with code or barcode
- 128-bit EPC plus 32-bit user
- Stuck to bridge, card or envelope
- Answers readers at 865–868 MHz
- 0.2–1 m for items in a tray

→

UHF reader
Handheld held over the tray, or a reader under the counter

→

Your software
Tray counts, and bridal sets checked complete

Print and encode in one step
A UHF RFID printer prints the item code or a small barcode on the PET face and writes the EPC in the same pass.

WHY THE ID-1027-U8

A tag that fits where space is tight

10 mm wide
Fits a ring bridge, a ring-box insert, a nose-pin card or a loose-stone envelope without being seen by the customer.

Aggressive adhesive
An ultra-thin PET face with an aggressive adhesive sticks straight onto inserts and packaging.

Thermal transfer printable
Print an item code or a small barcode and encode the EPC on a UHF RFID printer in one pass.

EPC plus user memory
A 128-bit EPC for the piece's number and 32 bits of user memory for a short extra field.

Tray-range reads
0.2–1 m for compact items in a tray, depending on the reader: suited to tray and display-case counts.

Complete bridal sets
Tag every piece of a set separately and staff confirm it is complete before it leaves the counter.

Loose diamonds
Stick it on the envelope that holds a loose diamond and its grading certificate.

A larger size too
Where there is more space, the 25 × 39 mm ID-2539-U8 sticker gives a longer read distance.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-1027-U8	NOTES
Chip	Impinj Monza R6-P (U8)	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and printers
Frequency	865–868 MHz	India UHF band
EPC memory	128 bits	The piece's unique number
User memory	32 bits	A short extra field
Read range	0.2–1 m	Compact items in a tray; depends on reader

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AT A GLANCE
- 10 × 27 mm, sized for rings, nose pins and studs
- Thermal transfer printable PET face
- 0.2–1 m for compact items in a tray

SUPPLIED AS
- 10 × 27 mm peel-and-stick UHF jewellery stickers
- Ultra-thin PET face, aggressive adhesive
- Give the quantity and any printing or encoding with your quotation request

ORDERING

ID-1027-U8	UHF RFID jewellery sticker 10 × 27 mm, R6-P chip, 128-bit EPC + 32-bit user.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Impinj Monza R6-P (U8)
Memory	128-bit EPC, 32-bit user memory
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	865–868 MHz (India)
Read range	0.2–1 m (compact items in a tray)

STICKER	
Dimensions	10 × 27 mm
Material	Ultra-thin PET
Adhesive	Aggressive, peel-and-stick
Printing	Thermal transfer printable

ENCODING AND READING	
Encoding	UHF RFID printer, same pass as printing
Readers	Handheld or under-counter, 865–868 MHz

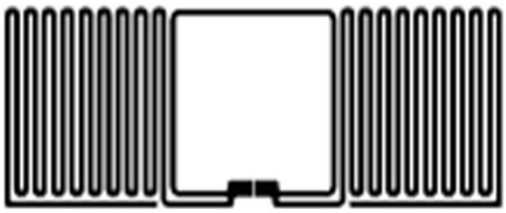
WHICH JEWELLERY TAG?

Small, mid-size or inside your own tag

	ID-1027-U8	ID-2539-U8	ID-1027
Size	10 × 27 mm	25 × 39 mm	10 × 27 mm
Format	Printable sticker	Sticker with barcode face	Inlay for your own tags
Memory	128-bit EPC, 32-bit user	128-bit EPC, 32-bit user	128-bit EPC, 64-bit user, lockable
Read range	0.2–1 m, in a tray	0.3–2 m, on display	0.3–1.5 m, on display
Choose it for	Rings, nose pins and studs	Pendant price cards	Inside your price tags

PRODUCT VIEWS

The UHF inlay antenna



Tag a tray of rings.

Ask for a quotation with the quantity, and tell us which pieces you are tagging and what you want printed on the sticker.

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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.