UHF RFID · 860–960 MHZ · WET INLAY, LABEL OR STICKER

ID-2844

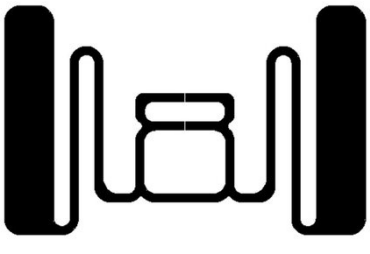
An adhesive-backed UHF wet inlay, label or sticker for cartons, mailers and totes.

EPC Gen2 | ISO 18000-6C | 865–868 MHz | Up to 6 m | Inlay, label, sticker

Press it on, or hide it under your artwork.

The **Identium ID-2844** is a UHF RFID wet inlay: the antenna and chip on a thin carrier with the adhesive already applied. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m, depending on reader antenna and environment.

A packing team presses it straight onto a box, or a label converter laminates a printed face over it; it also comes as a ready label or sticker. The flexible tag follows slight curves on cartons, poly mailers and plastic totes.



6 m	860–960	865–868	3	Gen2
Read range, up to	MHz frequency range	MHz, India UHF band	Inlay, label or sticker	EPC / ISO 18000-6C

WHAT IT DOES

Read, apply and encode

READ — EPC Gen2 UHF chip

- EPC Gen2 / ISO 18000-6C
- Covers India's 865–868 MHz band
- Up to 6 m, reader dependent
- Dock portals, handheld counts

APPLY — Adhesive already applied

- Press on a clean, dry surface
- Smoothest face of the carton
- Same spot on every carton
- Follows gentle curves

ENCODE — Inlay, label or sticker

- Labels on a UHF RFID printer
- Inlays on a desktop UHF reader
- Under your own printed face
- For label converters

WHERE IT WORKS

Where it goes

Parcel cartons	Poly mailers	Plastic totes	Receiving lanes	Cross-docking	Converting
Courier and parcel cartons	E-commerce mailers	Totes in circulation	Inbound receiving	Retail DC cross-docking	Laminated under printed labels

HOW IT WORKS

From a tagged parcel to your system

Packaging
Cartons, poly mailers and plastic totes: non-metal surfaces

ID-2844
UHF WET INLAY, LABEL OR STICKER
- Holds the parcel or tote EPC
- Sticks on with its own adhesive
- Follows slightly curved surfaces
- Answers Gen2 readers, 865–868 MHz
- Read at up to 6 m, reader dependent

UHF readers
Dock-door portals, conveyors and handheld counts

Your software
Receiving, sorting, dispatch or retail stock systems

Encode the way you work
Converted labels print and encode on a UHF RFID printer; for smaller runs, a desktop UHF reader writes bare inlays.

WHY THE ID-2844

One tag, three ways to use it

Wet inlay, label or sticker
Bare inlay for converters or for hiding under your artwork; a label or sticker with a printable face to apply directly.

Up to 6 m read range
Suits dock-door portals and handheld counts of stacked cartons; antenna, power and surface set the figure.

Ready to stick
The adhesive is already applied: press it onto a clean, dry surface within a few seconds of peeling.

Thin and flexible
Follows the slight curve of a mailer or tote as well as flat carton faces.

Consistent placement
Use the same spot on every carton so portal antennas see each tag at a similar angle.

Pallet-checked before rollout
Read a fully built pallet from all four sides to fix the label position before you roll out.

Works with Gen2 equipment
Handhelds, fixed and gate readers and desktop encoders on India's 865–868 MHz band; labels print on UHF printers.

A matching on-metal range
For foil-lined or liquid contents, add a spacer or pair it with our on-metal RFID tags.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-2844	NOTES
Chip	Impinj UHF chip	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on antenna, orientation and surface

Impinj is a trademark of Impinj, Inc.

AT A GLANCE
- Adhesive-backed wet inlay; also a label or sticker
- Up to 6 m with a suitable reader antenna
- Made for cartons, mailers and totes

SUPPLIED AS
- Wet inlay: antenna and chip on a carrier, adhesive applied
- Or as a label or sticker with a printable face
- Tell us the format and quantity with your quotation request

ORDERING

ID-2844	UHF RFID wet inlay, label or sticker, EPC Gen2, up to 6 m, self-adhesive.

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 UHF chip
Read range	Up to 6 m (depends on antenna and environment)

ENCODING

Labels	UHF RFID printer
Inlays	Desktop UHF reader and antenna

CONSTRUCTION

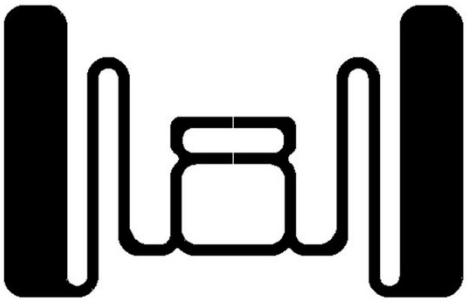
Type	Wet inlay (adhesive-backed), label or sticker
Substrate	Thin, flexible
Mounting	Self-adhesive
Surfaces	Flat or curved non-metal surfaces

READERS

Compatible	Standard UHF RFID readers and printers

PRODUCT VIEWS

The inlay antenna



Try it on your own cartons.

Ask for a quotation with the quantity and the format you need, wet inlay, label or sticker, and tell us what you pack and how it is read.

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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.