UHF RFID · 865–868 MHZ · STRIP LABEL

ID-9503

A narrow 95 × 3 mm UHF strip label with an EC chip, on rolls for print-and-apply.

EC chip | 95 × 3 mm strip | 128-bit EPC | 865–868 MHz | Up to 7 m

RFID that fits beside your barcode.

The **Identium ID-9503** is a 95 × 3 mm UHF RFID strip label on the EC chip, with a printable PET face and a 128-bit EPC. Specified for 865–868 MHz and EPC Gen2 / ISO 18000-6C, it reads at up to 7 m in free air.

The strip runs along a carton edge, a side panel or plastic pallet strapping, clear of the barcode and courier label, so RFID joins existing packaging as it is. Permanent adhesive, rolls for print-and-apply, –25 °C to +70 °C.

7 m	95 × 3	128-bit	+70 °C	865–868
Read range, free air	Strip size, mm	EPC memory	Max. operating, min. –25	MHz, India UHF band

WHAT IT DOES

Apply, encode and read

APPLY
A 95 × 3 mm strip
- Along a carton edge
- On a side panel
- Across plastic pallet strapping
- Permanent adhesive

ENCODE
128-bit EPC
- Shipment or carton ID
- GS1 SSCC or SGTIN
- Printed text on the PET face
- Rolls for print-and-apply

READ
EC chip, up to 7 m
- Free-air range, up to 7 m
- Receiving and despatch
- Hubs and conveyors
- 865–868 MHz India band

WHERE IT WORKS

Where the label goes

Carton tracking
Cartons in and out

3PL warehouses
Multi-client warehouses

Courier parcels
Hub checks for consignments

Cold chain
Rated down to –25 °C

MRO spares
Bins and boxed parts

Pallet strapping
Across plastic strapping

HOW IT WORKS

From a labelled carton to your WMS

Shipments
Cartons, parcels, bins and strapped pallets

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ID-9503
95 × 3 MM UHF STRIP LABEL
- Runs beside barcode and courier label
- Holds a 128-bit EPC in the EC chip
- Answers Gen2 readers at 865–868 MHz
- Read at receiving and despatch
- Up to 7 m in free air

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UHF reader
Dock-door, conveyor or handheld reader on the India band

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Your software
WMS or ERP holding batch, expiry and consignee

Readers for every read point
Fixed UHF readers and gate antennas for dock doors, handhelds for counts, printers to encode: ask us to match them.

WHY THE ID-9503

RFID without a new label layout

A strip that fits beside labels
95 × 3 mm runs along a carton edge or across strapping, clear of the barcode and courier label.

Up to 7 m in free air
On packed cartons the range depends on the reader, antenna gain and contents; trial at your dock door.

A 128-bit EPC
Enough for a GS1 SSCC or SGTIN, or your own carton number, with details kept in your WMS or ERP.

Print-and-apply ready
Supplied on rolls; the printable PET face takes text while the printer encodes the EPC.

–25 °C to +70 °C
Rated down to –25 °C for cold chain and pharma distribution.

Built for shipments
3PL receiving and despatch, courier hubs and MRO stores read cartons instead of scanning them one by one.

Tuned to India's UHF band
Specified for 865–868 MHz, India's licence-exempt UHF band, on EPC Gen2 handhelds, fixed readers and printers.

Placed for clean reads
Place the strip on a flat face away from metal bands and foil-lined packs, and trial a few real cartons.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-9503	NOTES
Chip	Alien Higgs EC	Read and written over EPC Gen2
EPC memory	128 bits	GS1 SSCC or SGTIN, or your carton number
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers
Frequency	865–868 MHz	India UHF band
Read range	Up to 7 m	Free air; depends on reader, antenna gain and contents

AT A GLANCE
- 95 × 3 mm strip on rolls for print-and-apply
- 128-bit EPC; up to 7 m in free air
- Rated for –25 °C to +70 °C

Alien and Higgs are trademarks of Alien Technology, LLC.

SUPPLIED AS
- Rolls for print-and-apply systems
- Printable PET face with permanent adhesive
- Quoted to your print-and-apply system

ORDERING

ID-9503 — UHF RFID logistics label 95 × 3 mm, EC chip, 128-bit EPC, 865–868 MHz, printable PET, permanent adhesive.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	865–868 MHz (India)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Alien Higgs EC
Memory	128-bit EPC
Read range	Up to 7 m (free air)

LABEL	
Dimensions	95 × 3 mm
Face	Printable PET
Adhesive	Permanent
Packaging	Rolls for print-and-apply

ENVIRONMENT	
Operating temp.	–25 °C to +70 °C

PRODUCT VIEWS

The 95 × 3 mm strip inlay

Trial it on a few real cartons.

Ask for a quotation with the quantity and roll needs, and tell us your print-and-apply system and where the cartons are 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.