UHF RFID · 860–960 MHZ · SEWABLE GARMENT TAG

Cloth Tag M4E

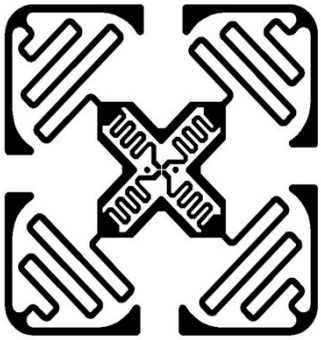
A sewable UHF cloth tag that stays with the garment from factory to returns counter.

M4E chip | Sew-in cloth tag | EPC Gen2 / 18000-6C | 865–868 MHz covered | Up to 6 m read range

One EPC from the factory to the returns desk.

The **Identium Cloth Tag M4E** is a sewable UHF RFID tag for apparel. Stitched into a side seam or behind the care label, it stays on after the swing ticket comes off, so one EPC is read at the factory, in the store and at returns.

The M4E chip works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and reads at up to 6 m depending on reader and surroundings. Its construction is thin and flexible.



6 m	M4E	Gen2	860–960	865–868
Read range, up to	UHF chip	EPC / ISO 18000-6C	MHz operating range	MHz, India UHF band

WHAT IT DOES

Read, sew and encode

READ
M4E chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868 MHz
- Up to 6 m, reader dependent
- Read from more than one side

SEW
Stitched in like a care label

- Side seam or behind care label
- Straight stitch
- Needle line clear of the chip
- Stays on after the swing ticket

ENCODE
Before the sewing line

- GS1 SGTIN or your own SKU
- UHF RFID printer
- Or a bulk encoder
- Or pre-encoded to order

WHERE IT WORKS

Where it is used

Source tagging
Exporters tagging for buyers

Uniforms
Hospital, hotel, factory wear

Store counts
Fashion store stock counts

Carton packing
Packing checks at dispatch

Rental wear
Costumes out and back in

Returns
Verify returned items

HOW IT WORKS

From the sewing line to the returns counter

Garments
Shirts, uniforms, workwear and rental costumes

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Cloth Tag M4E
SEWABLE UHF RFID CLOTH TAG
- Holds the SKU or SGTIN in the EPC
- Sewn into a seam or behind care label
- Stays on after the swing ticket
- Answers Gen2 readers at 865–868 MHz
- Reads at up to 6 m, reader dependent

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UHF reader
Packing-line, store handheld or returns-desk reader on the India band

→

Your software
Packing checks, store stock, uniform issue or returns records

For linen in industrial washing
Our dedicated laundry tags stay in towels, sheets and uniforms through industrial washing for their working life.

WHY THE CLOTH TAG M4E

A tag that stays with the garment

Sewn in, stays on
Stitched into a side seam or behind the care label, it stays with the garment after the swing ticket is removed.

One EPC, every stage
The same EPC is read at the factory, in the store and at the returns counter, so returned items can be verified.

Up to 6 m read range
Rated at up to 6 m; fabric, moisture and dense stacks set the figure, so read packed cartons from both sides.

Encoded before sewing
Write a GS1 SGTIN or your own SKU with a UHF RFID printer or bulk encoder before tags reach the sewing line.

Pre-encoded to order
Pre-encoded EPC data to your SKU or GS1 scheme, and custom printing, can be requested with a bulk quote.

Thin and flexible
A thin, flexible construction that sews in like a care label.

Works with Gen2 readers
EPC Gen2 / ISO 18000-6C across 860–960 MHz: standard UHF readers and printers on India's band read and encode it.

Built for apparel programmes
Garment exporters, uniform and workwear programmes, fashion chains and costume rental houses.

CHIP AND MEMORY

Air interface and chip

PARAMETER	CLOTH TAG M4E	NOTES
Chip	M4E	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
EPC use	GS1 SGTIN or your SKU	Encoded before the sewing line
Read range	Up to 6 m	Depends on reader, antenna and environment

Read range depends on the reader, antenna, fabric and how garments are packed.

AT A GLANCE

- Sewable M4E UHF tag that stays with the garment
- Up to 6 m read range, depending on reader and surroundings
- Made for garment tracking from factory to returns

SUPPLIED AS

- Sewable UHF RFID cloth tags, M4E chip
- Pre-encoded to your SKU or GS1 scheme on request
- Custom printing on request

ORDERING

ID-RFIDCLOTHTAGH47	UHF RFID Cloth Tag M4E, sewable, for garments.

SPECIFICATIONS

Technical data

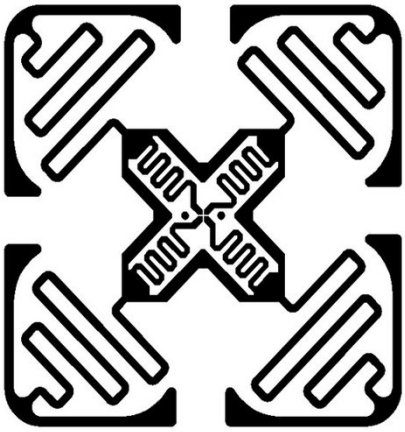
RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	M4E
Read range	Up to 6 m; depends on reader, antenna and environment

TAG	
Form factor	Sewable UHF RFID cloth tag
Construction	Thin and flexible
Attachment	Sewn into a side seam or behind the care label

ENCODING AND READING	
Encoding	UHF RFID printer or bulk encoder

PRODUCT VIEWS

The UHF tag



Sew a sample into your garments.

Ask for a quotation with the quantity and your SKU or GS1 numbering, and tell us where on the garment the tag will be sewn.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

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.