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

ID-2040-M800

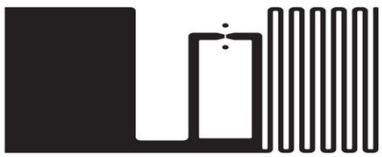
The 2040 UHF tag on an M800 or M700 chip, as a flag label, flat inlay or sticker.

M800 or M700 chip | Flag, inlay, sticker | EPC Gen2 / 18000-6C | 865–868 MHz covered | Up to 7 m read range

A tag for cables, hoses, rods and pipes.

A flag label wraps its adhesive end around an item and leaves the rest standing out like a flag, with the antenna in the free part. The **Identium ID-2040-M800** comes in that format, and as a flat inlay or a sticker, on an M800 or M700 chip.

It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and reads at up to 7 m depending on the reader antenna and surroundings. The thin, flexible substrate suits flat and curved surfaces.



7 m	M800	3	860–960	865–868
Read range, up to	Or M700 chip	Flag, inlay or sticker	MHz operating range	MHz, India UHF band

WHAT IT DOES

Wrap, stick and encode

WRAP — Flag label

- Adhesive end wraps the item
- Antenna stands out as a flag
- Cables, hoses and wire bundles
- Rods, pipes and small parts

STICK — Flat inlay or sticker

- Inlay for label converting
- Sticker for hand application
- Cartons and plastic bins
- Up to 7 m, antenna dependent

ENCODE — M800 or M700 chip

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868 MHz
- Any UHF printer or encoder
- Or printed and pre-encoded

WHERE IT WORKS

Where it goes

Cables and hoses — Cables, hoses, wire bundles

Pipes and rods — Long parts in racks or bundles

Small parts — Small-parts inventory

Asset tracking — General asset tracking

Cartons — Carton labelling

Plastic bins — Bins and packaging

HOW IT WORKS

From a flagged item to your inventory

Your items
Cables, hoses, rods, pipes, small parts, cartons and bins

ID-2040-M800
UHF FLAG LABEL, INLAY OR STICKER
- Wraps the item, antenna held clear
- Holds your item number in the EPC
- Answers Gen2 readers at 865–868 MHz
- Reads at up to 7 m, antenna dependent
- Flat versions for cartons and bins

UHF reader
Fixed, handheld or desktop reader on India's 865–868 MHz band

Your software
Parts inventory, asset tracking or carton records

Another chip option?
The same 2040 model is also listed as the ID-2040 inlay tag with another chip.

WHY THE ID-2040-M800

Three formats of one UHF tag

Tags thin and round items
The flag wraps cables, hoses, wire bundles, rods and pipes, with the antenna standing out as a flag.

Up to 7 m read range
Rated at up to 7 m; the reader antenna, power, orientation and the item it is fixed to set the figure.

Antenna held off the surface
The flag stands the antenna away from the item, which can help near metal or liquid: trial it on your item.

Flat inlay for converters
Order the flat inlay to convert into your own labels; it behaves like a standard UHF label.

Sticker for hand application
The sticker version goes on cartons, plastic bins and packaging by hand.

Encode with standard tools
Any UHF RFID printer or desktop encoder writes the EPC; standard UHF readers read it.

Printed and pre-encoded
Bulk quantities with custom printing and pre-encoding can be requested, with samples to test first.

A matching on-metal range
For flat metal assets, pair it with our on-metal UHF tags.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-2040-M800	NOTES
Chip	Impinj M800 or M700	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
Formats	Flag label, flat inlay, sticker	Same chip and model
Read range	Up to 7 m	Depends on antenna and environment

AT A GLANCE
- M800 or M700 UHF tag as a flag label, flat inlay or sticker
- Up to 7 m read range, depending on antenna and surroundings
- Flag format for cables, hoses, rods and pipes

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SUPPLIED AS
- Flag labels, flat inlays or stickers
- Custom printing and pre-encoding on request
- Samples to test on your items

ORDERING

ID-2040-M800	UHF flag label, flat inlay or sticker, M800 or M700 chip.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Impinj M800 or M700
Read range	Up to 7 m; depends on antenna and environment

TAG	
Form factor	Flag label, flat inlay or sticker
Material	Thin, flexible substrate

ENCODING AND READING	
Compatible with	Standard UHF RFID readers and printers

WHICH FORMAT?

Flag label, flat inlay or sticker

	FLAG LABEL	FLAT INLAY	STICKER
Form	Adhesive end wraps the item; antenna stands free	Bare inlay for converting	Self-adhesive, applied by hand
Suited to	Cables, hoses, rods, pipes and small items	Label converters building their own labels	Cartons, plastic bins and packaging

PRODUCT VIEWS

The UHF inlay



Trial the flag on your own items.

Ask for a quotation or samples with the format, quantity and any printing or pre-encoding, and tell us what you are tagging.

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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.