UHF RFID · 860–960 MHZ · RETAIL LABEL

ID-3050-M700

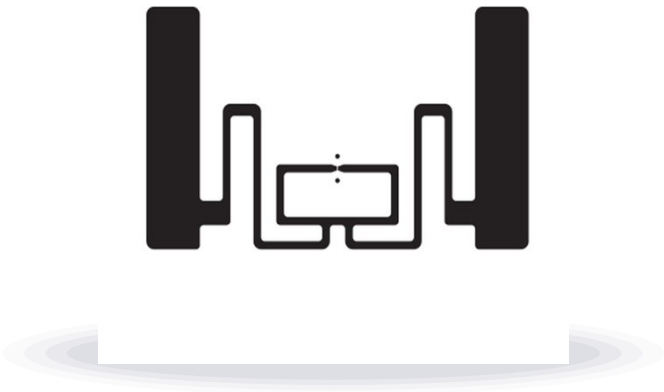
An M700 label for exporters and vendors who source-tag goods for retailer RFID programmes.

M700 chip, EPC Gen2 | ISO 18000-6C | 860–960 MHz | Up to 7 m | 902–928 MHz version

Tagged at the factory, read at the DC.

The **Identium ID-3050-M700** is a UHF RFID label on the M700 chip for garment exporters, home-textile mills, footwear vendors and buying houses that source-tag goods for retailer RFID programmes. It reads at up to 7 m, depending on antenna and environment.

It covers 860–960 MHz, so a label encoded in India on the 865–868 MHz band also reads at an overseas distribution centre; a 902–928 MHz version is available on request. Order it as apparel labels, stickers or printed label rolls.



7 m	860–960	865–868	902–928	SGTIN-96
Read range, up to	MHz response	MHz, India UHF band	MHz version on request	GS1 EPC encoding

WHAT IT DOES

Read, fit and encode for retail

READ
M700 chip, EPC Gen2

- ISO 18000-6C, 860–960 MHz
- Up to 7 m, antenna dependent
- Reads in India and overseas
- 902–928 MHz version on request

FIT
Label, sticker or roll

- Hang tag or swing-ticket insert
- Sticker on the polybag
- Printed label rolls
- Thin, flexible substrate

ENCODE
SGTIN-96 at the vendor

- From your GS1 company prefix
- Print and encode in one pass
- Lock the EPC bank after
- Verify on a desktop reader

WHERE IT WORKS

Where the label goes

Garment exports
Garment export source-tagging

Home textiles
Home textiles packing

Footwear
Footwear and accessories

Retail compliance
Retail supplier compliance

Buying-house QC
Buying-house QC checks

Brand stores
Brand store item tagging

HOW IT WORKS

From the factory floor to the retailer's DC

Your goods
Garments, home textiles, footwear and accessories at the factory

ID-3050-M700
UHF RFID RETAIL COMPLIANCE LABEL
- Rides on a hang tag or polybag
- Carries a GS1 SGTIN-96 EPC
- Prints with barcode and text
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m

UHF reader
Desktop reader to verify at packing; readers at the retailer's DC

Retail system
The retailer's receiving and stock records, keyed on your SGTINs

Print, encode and verify
Our UHF RFID printers print the barcode and write the EPC in one pass; a desktop UHF reader checks each tag before cartons are sealed.

WHY THE ID-3050-M700

Source-tagging made routine

Made for source-tagging
For exporters, mills, footwear vendors and buying houses that tag item by item at the factory.

Up to 7 m read range
Depending on antenna and environment, for clean reads at the retailer's distribution centre.

Encoded in India, read abroad
860–960 MHz covers India's 865–868 MHz band and overseas bands; a 902–928 MHz version is available on request.

GS1 SGTIN-96 ready
Encode a GS1 SGTIN-96 built from your own company prefix, the format most retail programmes ask for.

Print and encode in one pass
Standard UHF RFID label printers print the barcode and text while the chip is encoded.

EPC locked as shipped
Lock the EPC bank after encoding, so each number stays exactly as it left your factory.

Three formats
Apparel labels, stickers or printed label rolls: hang tags and swing-ticket inserts for garments, stickers for polybags.

Pre-encoded on request
Send your GS1 company prefix, GTINs and serial range with your quotation request for printed, pre-encoded labels.

CHIP AND MEMORY

Chip and air interface

PARAMETER	ID-3050-M700	NOTES
Chip	Impinj M700	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers
Frequency	860–960 MHz	Covers India's band; 902–928 MHz version on request
Read range	Up to 7 m	Depends on antenna and environment
Encoding	GS1 SGTIN-96	Built from your company prefix

AT A GLANCE
- M700 chip, EPC Gen2, reads at up to 7 m
- Apparel labels, stickers or printed label rolls
- Made for hang tags, swing tickets and polybags

Impinj is a trademark of Impinj, Inc.

SUPPLIED AS
- Apparel labels, stickers or printed label rolls
- Blank, or printed and pre-encoded with your SGTINs
- Give your GS1 prefix, GTINs and serial range with your quotation request

ORDERING

ID-3050-M700 — UHF RFID retail compliance label, M700 chip, up to 7 m; 860–960 MHz, 902–928 MHz version on request.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Impinj M700
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band); 902–928 MHz version on request
Read range	Up to 7 m (depends on antenna and environment)

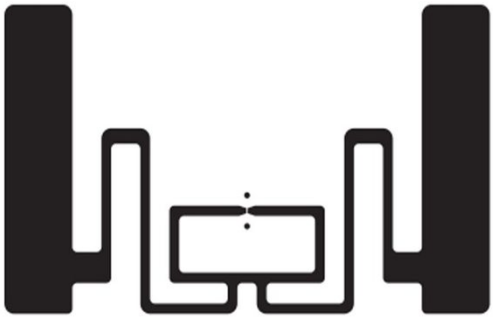
ENCODING	
Numbering	GS1 SGTIN-96 from your company prefix
Printing	Standard UHF RFID label printers, one pass
Check	Desktop UHF reader before cartons are sealed

LABEL	
Type	Apparel label, sticker or printed label roll
Material	Thin, flexible substrate
Mounting	Hang tag, swing-ticket insert or polybag sticker

SUPPLY	
Options	Blank, custom printed or pre-encoded
Compatible with	Standard UHF RFID readers and printers

PRODUCT VIEWS

The M700 inlay



Tag a sample of your range.

Ask for a quotation with the quantity, format and any pre-encoding, and share your buyer's inlay and placement requirements for your product category.

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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.