



4" x 2" RFID LABELS

FOR ZEBRA DESKTOP RFID PRINTERS

These blank Vulcan RFID™ Paper Labels are manufactured to ensure optimum performance in Zebra Desktop RFID Printers.

These labels are specifically designed for customers that are in need of blank labels for “at home” printing. All labels are supplied with a top performing IC.

These labels support 1 inch core printing and are offered in a 4 x 2 in size. These labels meet EPCglobal Gen2 and ISO/IEC 18000-6C standards.

These labels are ideal for a variety of applications including but not limited to:

- Corrugated Cases
- Pallet Placard Labels
- Cardboard Boxes
- Asset Management





Specifications

ELECTRICAL

Operating Frequency:	Global (860-960 MHz)
Air Interface Protocol:	ISO-18000-6C, EPC Class 1, Gen 2
*IC Type:	Impinj M730
Memory:	EPC 128 Bits, User 0 Bits, TID 96 Bits
EPC Memory Content:	Unique, Randomized Number
Max Read Distance:	Testing Recommended
Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard

*IC used is subject to variation based on availability

MECHANICAL

Tag Form Factor:	Label Tag, Perforated
Tag Materials:	Printable White Paper (Thermal Transfer)
Recommended Ribbon:	Wax-Resin
Attachment Method:	General Purpose Permanent Adhesive
Dimensions:	101.6 x 50.8 mm (4 x 2 in)
Weight:	10 g (0.02 lbs)
Sensing Type:	Gap
Core ID:	34.9 mm (1.375 in)
Quantity per Roll:	1,000 Labels
Repeat:	54 mm (2.125 in)
RFID Inlay Placement:	18 mm (0.709 in)
Print Tolerance:	± 1.6 mm (0.0625 in)
Inlay Side to Side Tolerance:	± 1.5 mm (0.059 in)
Inlay Tolerance:	± 3 mm (0.118 in)

ENVIRONMENT

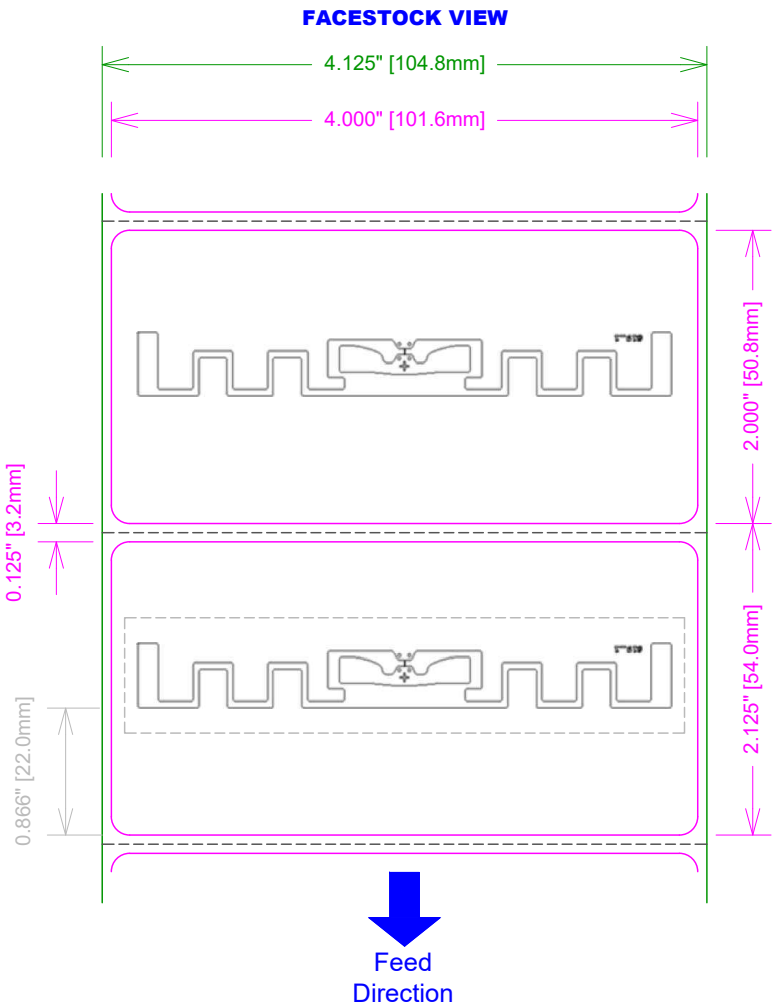
Operating Temperature:	-40° to +85°C (-40° to +185°F)



Diagrams

Layout and Dimensions (in)

Note: Drawing not to scale



P/N: 4313734
General
Label Size: 4" x 2"
Construction: Label
Facestock: TT (4262717)
w/
Bottom: GP (4281290)
Perf: Yes
Sensing Type: Gap
Repeat: 2.125"
RFID
Printer: R110xI3-xI4, ZT
Inlay: Impinj-m730
Part#: 4311985
Placement: 0.866" (22mm)
Inlay Side to Side tolerance = +/- 1.5mm
Inlay tolerance = +/- 3mm
Finishing
Core ID: 1.375"
Amount per Roll: 1,000
WIND DIRECTION
<input type="checkbox"/> 1
<input type="checkbox"/> 2
<input type="checkbox"/> 3
<input type="checkbox"/> 4
<input type="checkbox"/> Fan-Fold
<input type="checkbox"/> Sheeted
CONFIDENTIAL
THIS DRAWING AND DESIGN IS THE PROPERTY OF MPI LABEL SYSTEMS AND MAY NOT BE REPRODUCED IN WHOLE OR IN PART, WITHOUT PERMISSION OF MPI LABEL SYSTEMS.
4x2_RZ-ZT_Impinj
-m730_4313734
DRWN
DATE
pb
10/7/2021
NO
REVISIONS
DATE
BY
A
Moved inlay from 18mm to 22mm
11/9/21
pb

Approval _____

Date: _____

Thank you for your confidence and trust in MPI Label Systems. **PLEASE EXAMINE THIS PROOF THOROUGHLY!** MPI LABEL SYSTEMS is not legally responsible for the content of this proof. The content of this proof represents the final reproduction of graphics, text, specifications and die shape that will be produced on press. Should you find any discrepancies, please note them on this proof and return it to us immediately. A corrected proof, if requested, will be sent to you for approval. **PRODUCTION SCHEDULING CANNOT BEGIN** until this proof is accepted so we urge you to expedite approval and return the proof to us.

	Die Cut (Pink)
	Perf (Black)
	Liner (Dark Green)
	Liner Slit (Light Blue)
	Inlay (Light Gray)
	Wet Inlay (Red)

+/- 0.0625" print tolerance
GRAPHIC FOR PLACEMENT ONLY.
NOT FOR PRINT PROOF APPROVAL.

Facestock Colors
PMS: N/A
Back Colors
PMS: N/A



Accessories & Compatible Products

Zebra



ZD50042-T012R1FZ
ZD50043-T012R1FZ

Zebra



ZD6A142-301FR1EZ
ZD6A142-301LR1EZ



About Vulcan RFID™ Products

Vulcan RFID™ offers a broad range of innovative RFID antennas, RFID inlays, custom RFID tags, and accessories suited for a wide variety of industries and applications. With an extensive portfolio, Vulcan RFID™ products are manufactured to withstand environments ranging from mild to extreme. All Vulcan RFID™ products are thoroughly tested and built on a name you can trust. Vulcan RFID™ products enable you to reach and sustain high levels of performance with your UHF or NFC frequency application.



Vulcan RFID™ Antennas

Vulcan RFID™ offers an extensive collection of UHF RFID antennas designed to maximize the RF performance and coverage area of an RFID system.

[Shop Now](#)


Vulcan RFID™ Tags & Inlays

Vulcan RFID™ offers a broad range of RFID labels, tags and inlays built to withstand environments ranging from mild to extreme.

[Shop Now](#)


Vulcan RFID™ Accessories

Vulcan RFID™ provides a variety of high-quality accessories, RF hardware, and cables.

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