VULCAN RFID™

4" x 6" 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 6 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

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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

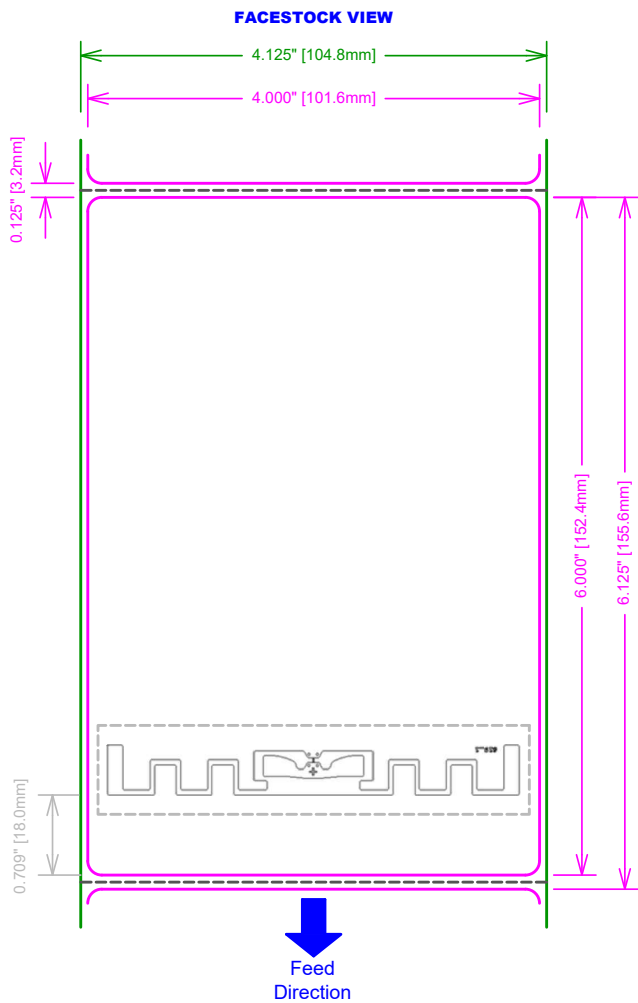|	
Tag Form Factor:	Label Tag, Perforated
Tag Materials:	Printable White Paper (Thermal Transfer)
Recommended Ribbon:	Wax-Resin
Attachment Method:	General Purpose Permanent Adhesive
Dimensions:	101.6 x 152.4 mm (4 x 6 in)
Weight:	10 g (0.02 lbs)
Sensing Type:	Gap
Core ID:	34.9 mm (1.375 in)
Quantity per Roll:	400 Labels
Repeat:	155.6 mm (6.125 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)

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Diagrams

Layout and Dimensions (in)

Note: Drawing not to scale

FACESTOCK VIEW

4.125" [104.8mm]

4.000" [101.6mm]

0.125" [3.2mm]

6.000" [152.4mm]

6.125" [155.6mm]

0.709" [18.0mm]

Feed Direction

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

Date: _____

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

Facestock Colors
PMS: N/A

Back Colors
PMS: N/A

P/N: 4313732

General

Label Size: 4" x 6"

Construction: Label

Facestock: TT paper (4262717) w/

Bottom: GP Adhesive (4281290)

Perf: Yes

Sensing Type: Gap

Repeat: 6.125"

RFID

Printer: RZ or ZT

Inlay: Impinj-m730

Part#: 4311985

Placement: 0.709" (18mm)

Inlay Side to Side tolerance = +/- 1.5mm
Inlay tolerance = +/- 3mm

Finishing

Core ID: 1.375"

Amount per Roll: 400

WIND DIRECTION

1 PRINTING READS THIS WAY

2 PRINTING READS THIS WAY

3 PRINTING READS THIS WAY

4 PRINTING READS THIS WAY

Fan-Fold   Sheeted

4x6_RZ-ZT_Impinj-m730_4313732	DRWN	DATE
	pb	10/7/2021

NO	REVISIONS	DATE	BY

VULCAN RFID™

Accessories & Compatible Products

Zebra

ZD50042-T012R1FZ
ZD50043-T012R1FZ

Zebra

ZD6A142-301FR1EZ
ZD6A142-301LR1EZ

VULCAN RFID™

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.

Shop Now

Inside USA
1 (888) 238-1155

Outside USA
1 (205) 383-2244

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