



4 x 6" RFID LABELS FOR ZEBRA ZD500R PRINTERS

These blank Vulcan RFID™ Paper Labels are manufactured to ensure optimum performance in the Zebra ZD500R RFID Printers.

These tags 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. These tags are designed to meet EPCglobal Gen2 and ISO/IEC 18000-6C standards.

These tags work great for a variety of applications including but 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 Monza R6-P or M730
	Memory:	Monza R6-P: EPC 128/96 Bits, User 32/64 Bits, TID 48 Bits M730: 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:	1.375"
	Quantity per Roll:	400 Labels
	Repeat:	6.125 in
	RFID Placement:	AD-229r6p: 14 mm (0.551 in) Impinj M730: 18 mm (0.709 in)
	Print Tolerance:	± 0.0625 in
	Inlay Side to Side Tolerance:	± 1.5 mm (0.059 in)
	Inlay Tolerance:	± 3 mm (0.118 in)

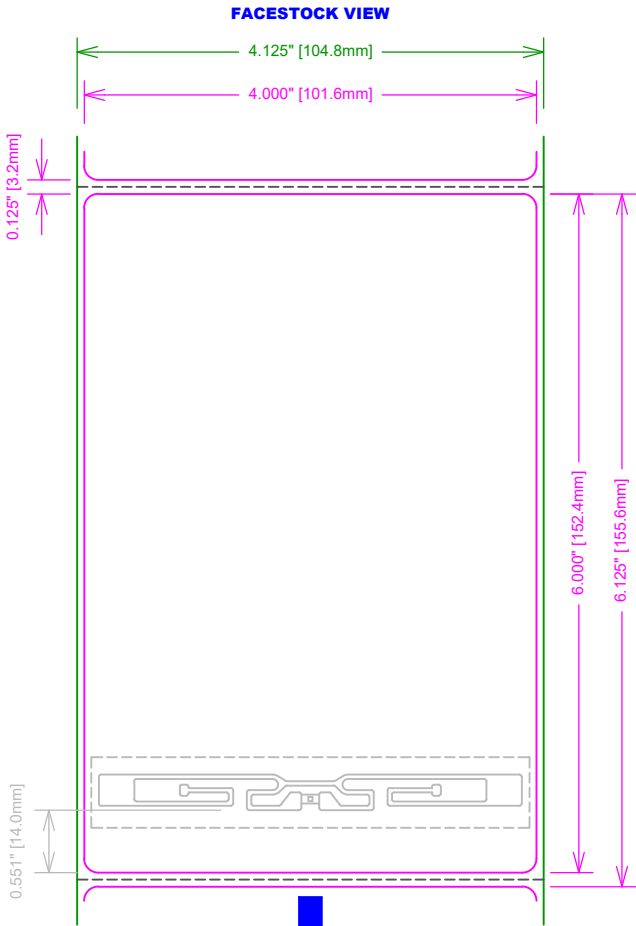
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)



Diagrams

Dimensions (mm)

Note: Drawing not to scale



Date: _____

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

	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	

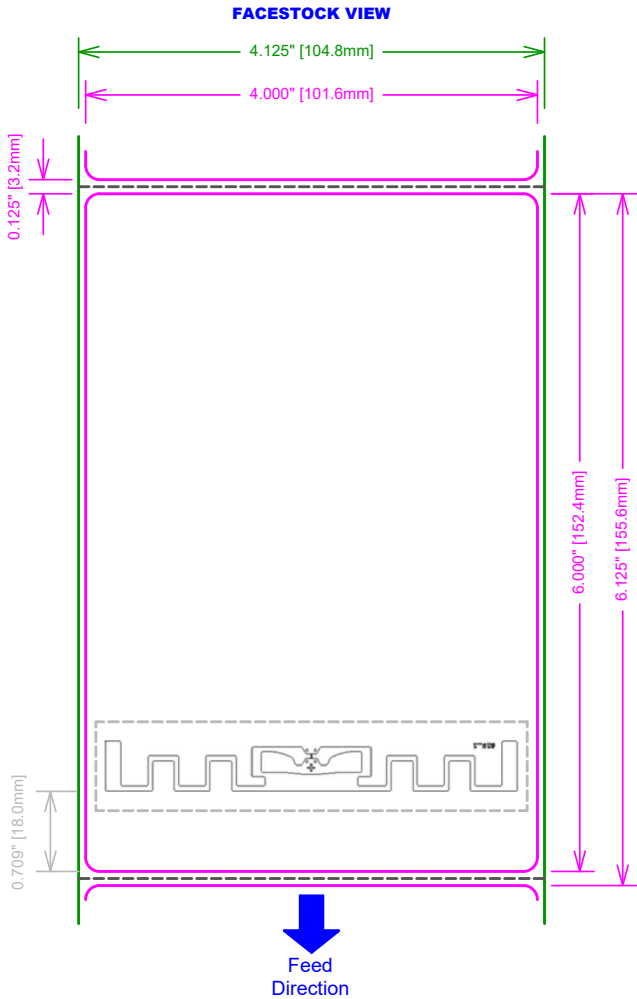
P/N: 4297696			
General			
Label Size: 4" x 6"			
Construction: Label			
Facestock: TT paper (4262717)			
w/			
Bottom: GP Adhesive (4281290)			
Perf: Yes			
Sensing Type: Gap			
Repeat: 6.125"			
RFID			
Printer: ZD500R			
Inlay: AD-229r6p			
Part#: 4297764			
Placement: 0.551" (14mm)			
Inlay Side to Side tolerance = +/- 1.5mm			
Inlay tolerance = +/- 3mm			
Finishing			
Core ID: 1.375"			
Amount per Roll: 400			
WIND DIRECTION			
<input type="checkbox"/>		<input checked="" type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
Facestock Colors		4x6_ZD500R_AD	
PMS: N/A		DRWN	DATE
Back Colors		pb	3/27/2020
PMS: N/A		NO REVISIONS	
		DATE	BY



Diagrams

Dimensions (mm)

Note: Drawing not to scale



Date: _____

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

	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			
<input type="checkbox"/>		<input checked="" type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
4x6 RZ-ZT Impinj		DRWN	DATE
-m730 4313732		pb	10/7/2021
NO	REVISIONS	DATE	BY

Accessories & Compatible Products

Zebra



ZD50042-T012R1FZ



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.

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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.

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