



# BOLT

## WHITE WET INLAY

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Engineered for peak performance, the **Vulcan RFID Bolt White Wet Inlay** delivers exceptional performance, ensuring fast, accurate reads and reliability even in the most demanding RFID applications.

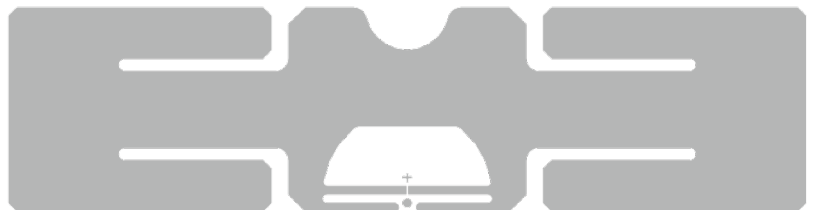
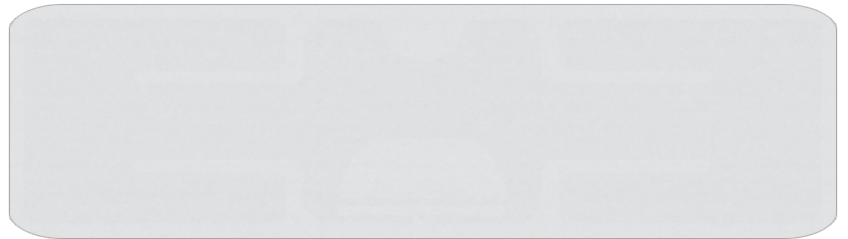
The **Vulcan RFID Bolt** excels on tough-to-tag materials and features **Impinj's AutoTune V3**, which optimizes the tags readability based on the environment and tagged material.

By adding a layer of white polypropylene to the tag surface, the **white wet inlay** form factor of the **Vulcan RFID Bolt** improves the **durability and printability** over standard paper tags.

With the **improved tag readability** and **updated feature set** of the **Impinj M830**, combined with the excellent tag durability of the white wet form factor, the **Vulcan RFID Bolt** is ideal choice for **race timing**.

The **Vulcan RFID Bolt** is great for tagging many assets and materials in a variety of applications, including but not limited to:

- Supply Chain Management
- Race Timing
- Worldwide Retail
- Asset Management





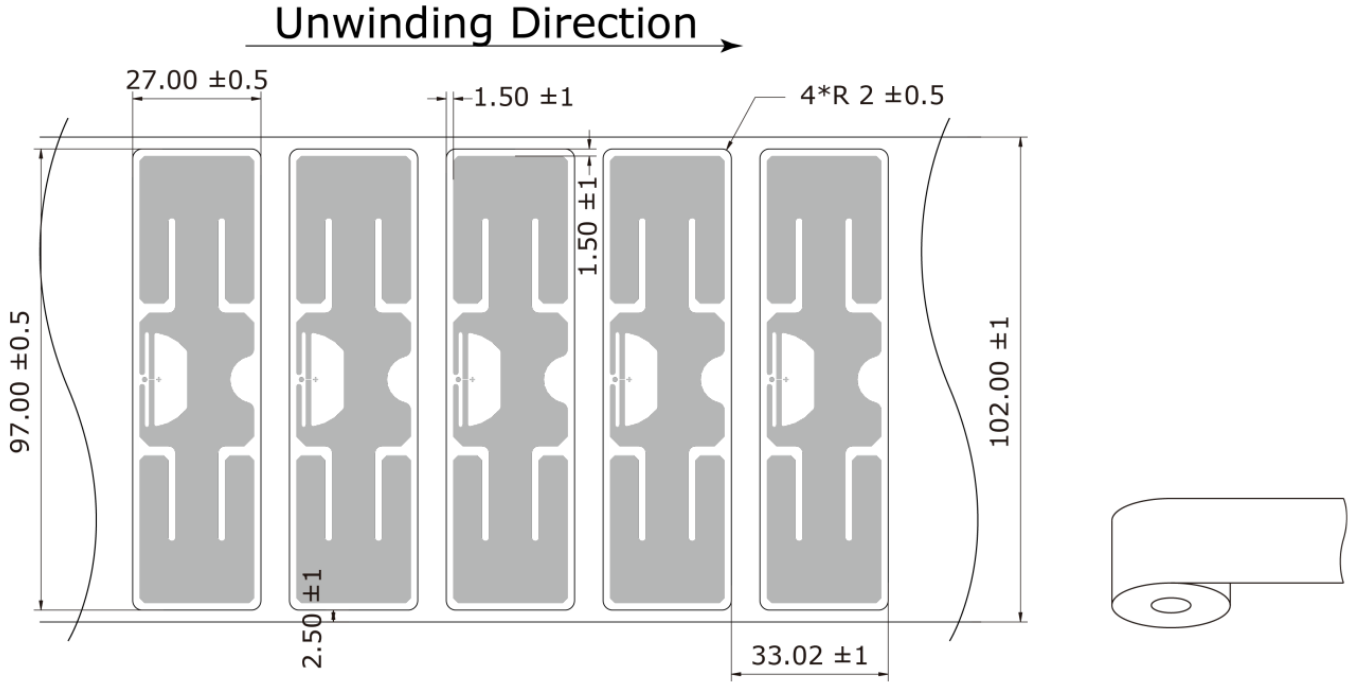
# Specifications

ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	Impinj M830
	Memory:	EPC 128 Bits, User 0 Bits, TID 96 Bits
	EPC Memory Content:	Unique, Auto-Serialized
	Max Read Distance:	Up to 20 m (65.6 ft)
	Applicable Surface Materials:	Race Timing Bibs, Plastic, Cardboard, Glass, Paper
MECHANICAL	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Matte White Polypropylene
	Recommended Ribbon:	Resin
	Attachment Method:	Permanent Acrylic Based Adhesive
	Dimensions:	97 x 27 x 0.21 mm (3.82 x 1.06 x 0.008 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (3 in)
	External Roll Diameter:	210 mm (8.27 in)
	Quantity Per Roll:	4,000 Labels
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)

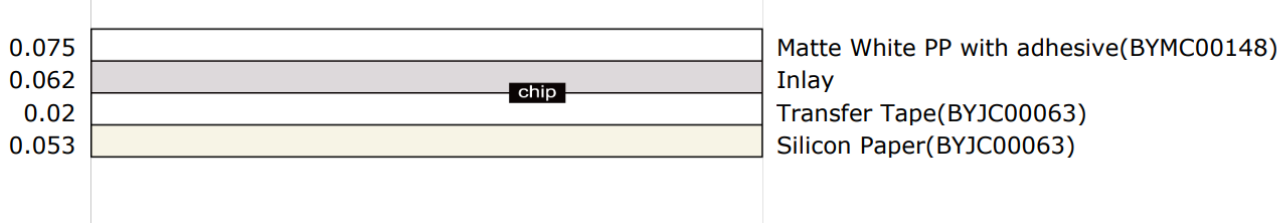


# Diagrams

## Layout and Dimensions (mm)



### Construction (Thickness: mm; Tolerance: +/-10% per layer )



### Product Parameter

Parameters	Characteristics
Tail	1 m leading silicon paper at the beginning and the end of roll
Defectives	NA.
Yield	≥ 99 %



# Accessories & Compatible Products

**Vulcan RFID Read & Write Software**



VUL-UHF-READ-WRITE-SOFTWARE

**Vulcan RFID Iron USB Reader**



VUL-USB-IRON-INTANT-ENC-US

**Vulcan RFID Indium Handheld Reader**



VUL-HH-INDIUM-IMG-US

**Vulcan RFID Titanium UHF RFID Reader**



VUL-TITANIUM-4PG

**Vulcan RFID C610 Outdoor RFID Antenna**



VUL-C610-FCC



# About Vulcan RFID Products

Vulcan RFID offers a broad range of innovative RFID readers, antennas, custom RFID tags, and accessories suited for a wide variety of industries and applications. Designed to deliver superior accuracy and reliability, Vulcan RFID products offer exceptional flexibility and performance. Vulcan RFID delivers an extensive product portfolio that includes both UHF and NFC products that support a large variety of market solutions. Manufactured to withstand environments ranging from mild to extreme, Vulcan RFID products enable end-users to reach and sustain high levels of performance in the UHF or NFC frequency bands.



## Vulcan RFID Readers

Vulcan RFID offers high-performance RFID readers that are easy to install, configure, and integrate.

[Shop Now](#)



## 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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