



# FLAME

## WHITE WET INLAY

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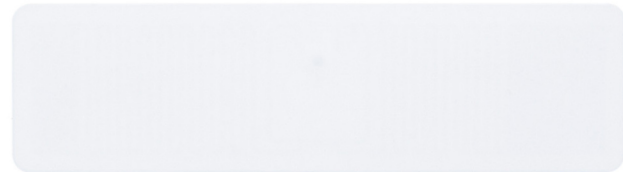
The Vulcan RFID™ Flame UHF RFID White Wet Inlay is equipped with the optimal, efficient, and fast M730 IC designed to meet the needs of challenging RFID tagging applications.

Combined with a small form factor and EPC memory of 128 bits, this inlay is ideal for operations that use small package labels, apparel hang tags, asset management, and corrugate cases.

The Vulcan RFID™ Flame is the shorter counterpart to the Vulcan RFID™ Fire, but offers excellent performance and versatility. Outfitted with a PET substrate rather than paper, this inlay exhibits a heightened durability allowing it to last longer, making it the optimal inlay for retail and shipping operations.

The Vulcan RFID™ Flame is great for a variety of applications including but not limited to:

- Corrugated Cases
- Pallet Placard Labels
- Asset Management





# Specifications

<b>ELECTRICAL</b>	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	Impinj M730
	Memory:	EPC 128 Bits
	EPC Memory Content:	Unique, Auto-Serialized
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard

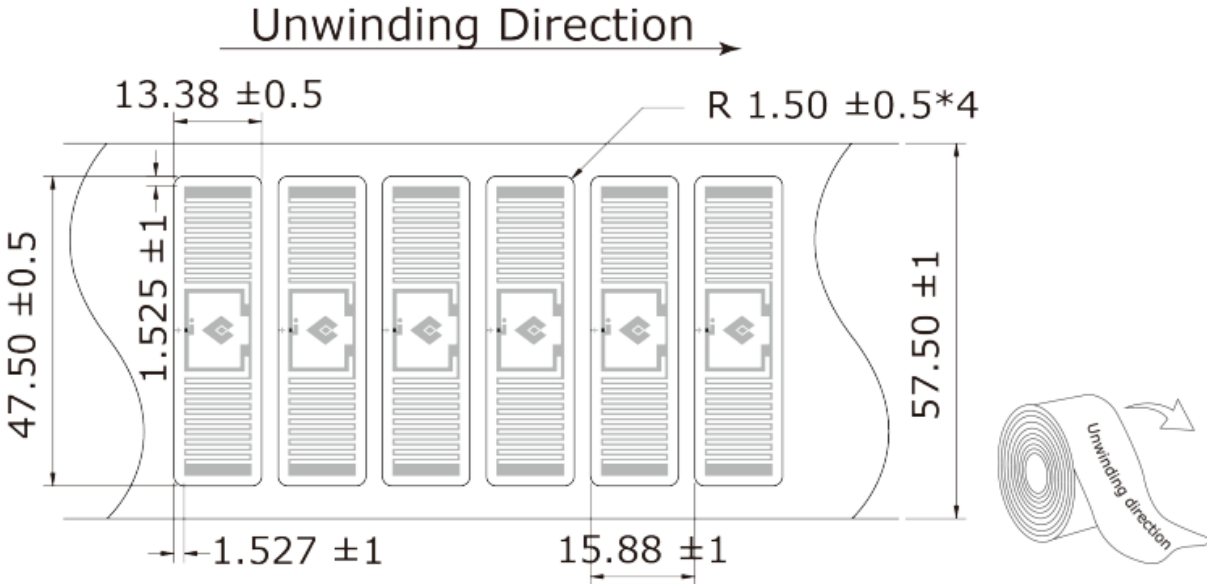
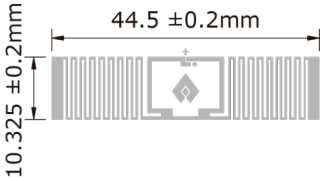
<b>MECHANICAL</b>	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Printable White Film (Thermal Transfer)
	Recommended Ribbon:	Resin Ribbon
	Attachment Method:	General Purpose Permanent Acrylic Based Adhesive
	Dimensions:	47.50 x 13.38 mm (1.870 x 0.526 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (3 in)
	External Roll Diameter:	203.2 mm (8 in)
	Quantity per Roll:	8,000 Labels
	Pitch:	15.88 mm (0.625 in)

<b>ENVIRONMENT</b>	Operating Temperature:	-40° to +85°C (-40° to +185°F)

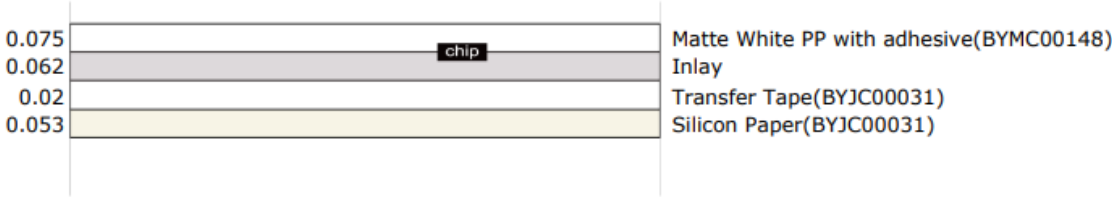


# Diagrams

Layout and Dimensions (mm)



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



# Product Variations

	IC Type & Memory	Form Factor	Product Code
Flame	Impinj Monza R6-P (EPC 128 Bits, User 32 Bits)	White Wet Inlay	VUL-FLAME-MR6P-WWINLY
	Impinj Monza 4QT (EPC 128 Bits, User 512 Bits, TID 32 Bits)	White Wet Inlay	VUL-FLAME-M4QT-WWINLY
	Impinj M730 (EPC 128 Bits)	White Wet Inlay	VUL-FLAME-M730-WWINLY



# 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.

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## 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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