



# FLAME

## WHITE WET INLAY

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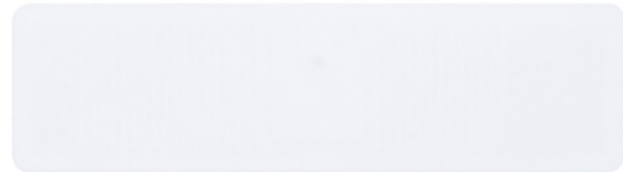
The Vulcan RFID™ Flame UHF RFID White Wet Inlay is equipped with the optimal, efficient, and fast M730 IC designed to meet the needs of challenging RFID tagging applications.

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:	Not Guaranteed Unique
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard

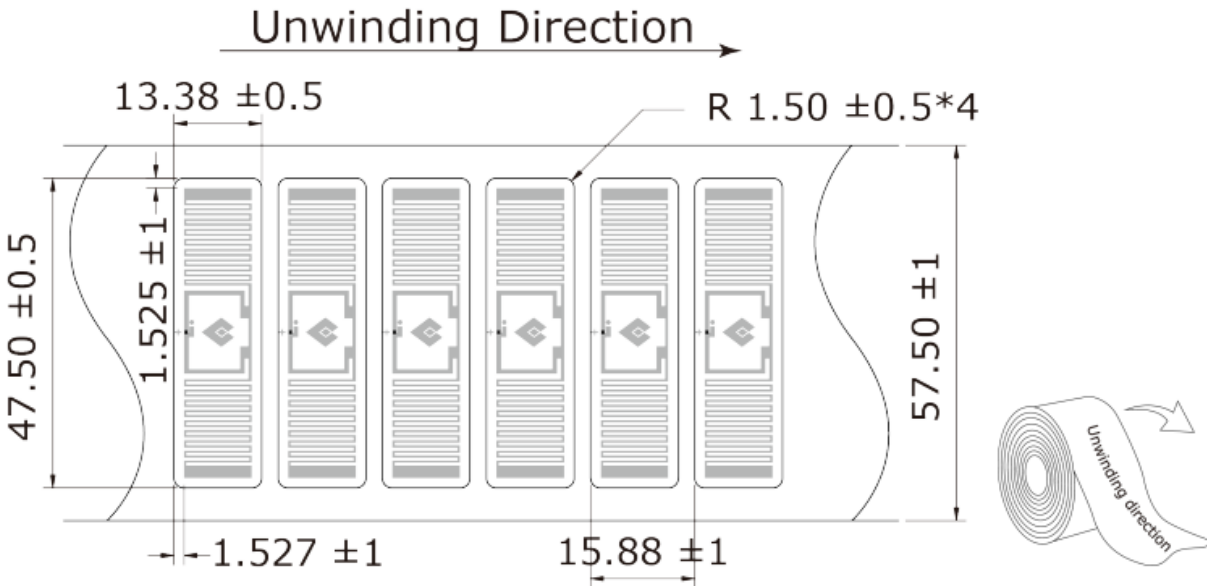
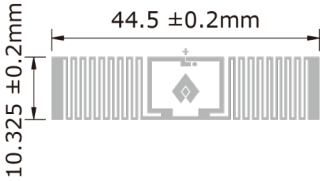
<b>MECHANICAL</b>	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Printable White Film (Thermal Transfer)
	Recommended Ribbon:	Resin Ribbon
	Attachment Method:	General Purpose Permanent Acrylic Based Adhesive
	Dimensions:	47.50 x 13.38 mm (1.870 x 0.526 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (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)

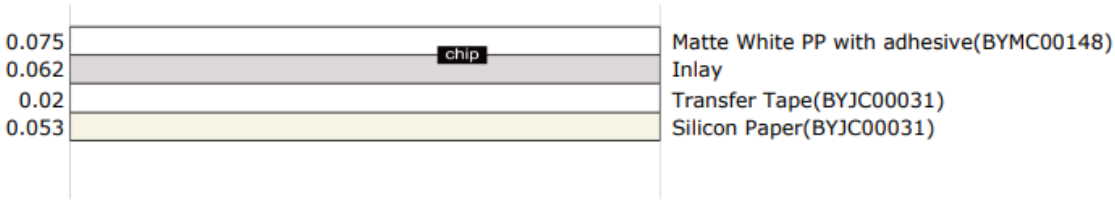


# Diagrams

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 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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Inside USA  
**1 (888) 238-1155**

Outside USA  
**1 (205) 383-2244**

info@atlasRFIDstore.com  
www.atlasRFIDstore.com