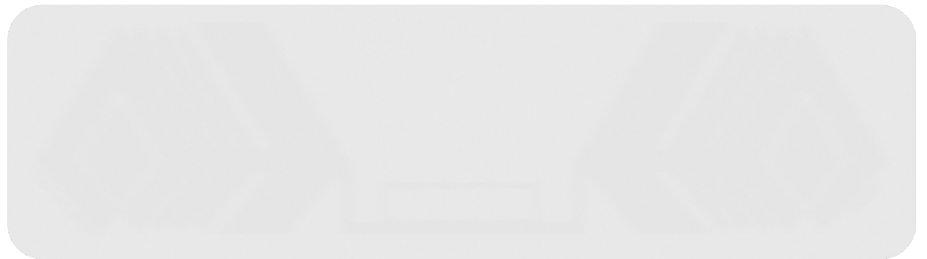




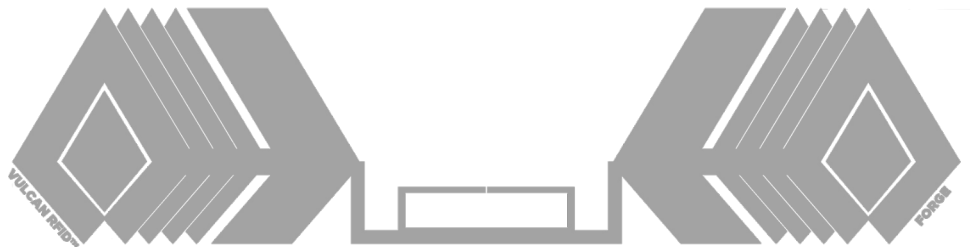
FORGE

WHITE WET INLAY

The Vulcan RFID™ Forge White Wet Inlay exhibits extraordinary tolerance against the detuning effect of high dielectric materials lending to exceptional performance when applied to traditionally difficult to tag materials such as glass windshields, racetiming bibs, and more.



The Vulcan RFID™ Forge features 128-bit EPC memory due to the M730 IC. Larger in length and width compared to its cousin tag, the Vulcan RFID™ Fire White Wet Inlay, the Vulcan RFID™ Forge is an ideal tag for sports timing and inventory tracking applications.



These tags include an improved 'autotune' adaptive RF tuning capability that helps assure quality work at peak efficiency even in quickly changing situations.

These tags work great for a variety of applications including but limited to:

- Race Timing
- Cardboard Boxes
- Asset Management
- Worldwide Retail
- Carwash Applications



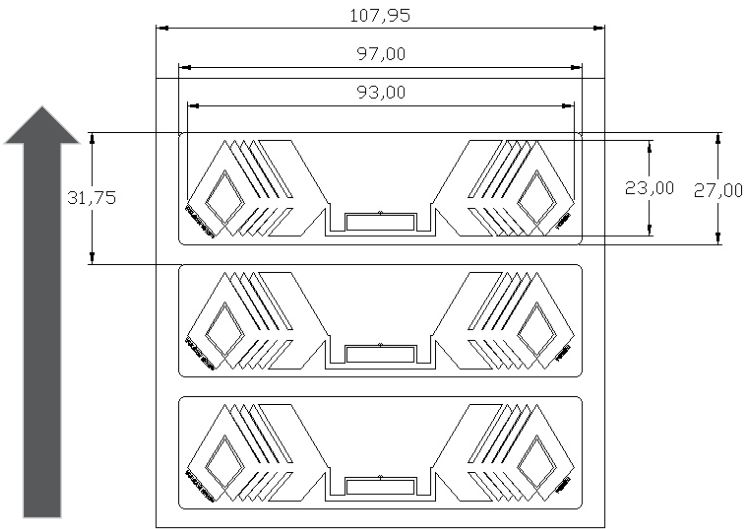
Specifications

ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	Impinj M730
	Memory:	M730: EPC 128 bits, TID 96 bits
	EPC Memory Content:	Sequential, Not Guaranteed Unique
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard
MECHANICAL	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Printable White Paper (Thermal Transfer)
	Recommended Ribbon:	Resin Ribbon
	Attachment Method:	General Purpose Permanent Adhesive
	Dimensions:	97 x 12.7 mm (3.819 x 1.06 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (3 in)
	External Roll Diameter:	222.25 mm (8.75 in)
	Quantity per Roll:	5,000 Labels
	Timing Mark:	Black, 3.175 mm (0.125 in) Lines
	Pitch:	31.75 mm (1.25 in)
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)



Diagrams

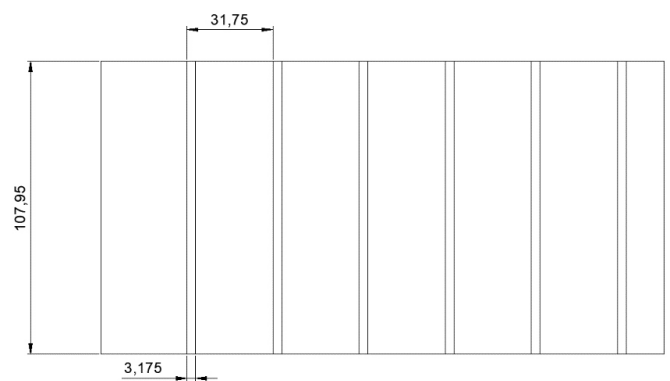
Layout and Dimensions (in)



*Web direction off roll

Inlay Roll layout and Dimensions

Inner roll Diameter : 3 in (76.2 mm)
 External roll Diameter : Max 8 in (203.2mm)
 Timing Mark : Black .125in (3.175mm) lines



- 3 mil white polyolefin with adhesive
- I.C
- Adhesive Conductive Paste
- Aluminum Antenna
- 2 mil Polyethylene terephthalate Web
- 0.5 mil acrylic adhesive
- 2.5 mil paperliner



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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