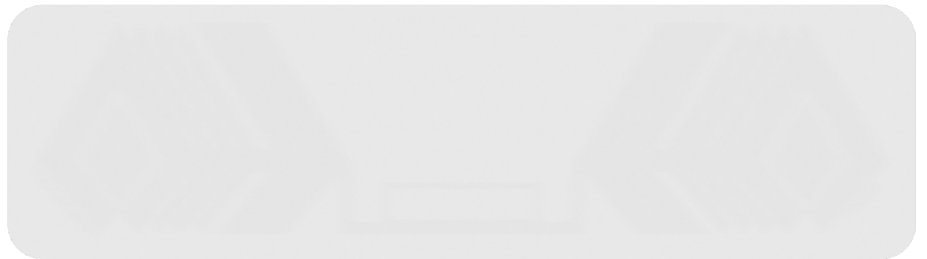




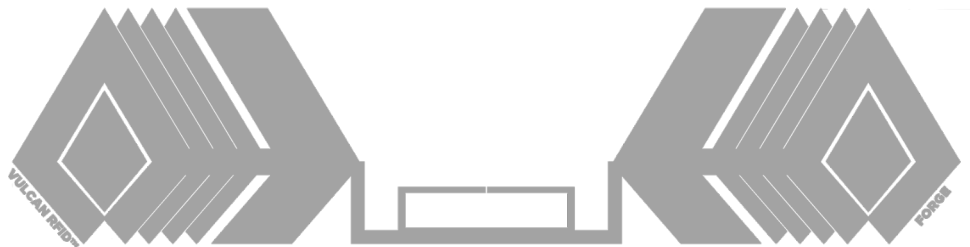
FORGE

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



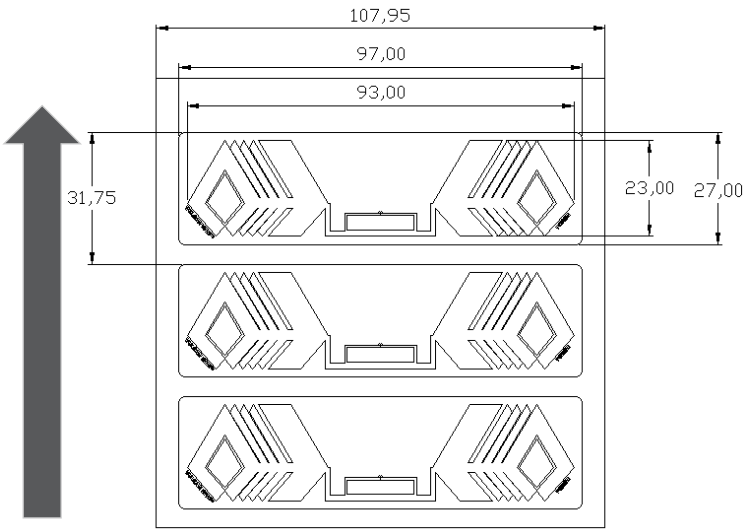
Specifications

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:	203.2 mm (8 in)
	Quantity per Roll:	1,000 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

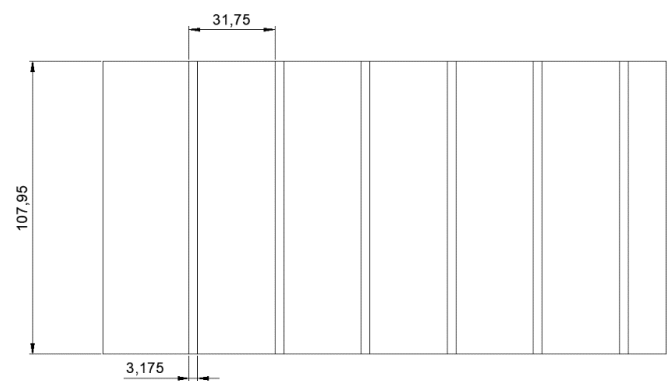
Layout and Dimensions (in)



*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.

[Shop Now](#)



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