



FORGE II

WHITE WET INLAY

The Vulcan RFID™ Forge II White Wet Inlay is the same great Vulcan RFID™ Forge, upgraded to the M750 IC.

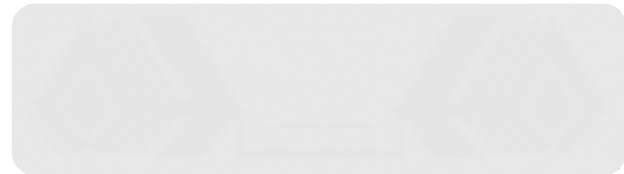
The Vulcan RFID™ Forge II exhibits extraordinary tolerance against the detuning effect of high dielectric materials, lending to exceptional performance when applied to traditionally difficult to tag materials such as glass windshields, race-timing bibs, and more.

The Vulcan RFID™ Forge II is an ideal tag for sports timing and inventory tracking applications.

The Vulcan RFID™ Forge II features 96 bits of EPC memory and 32 bits of User memory due to the M750 IC.

The Vulcan RFID™ Forge II UHF RFID White Wet Inlay is great for a variety of applications including but not limited to:

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





Specifications

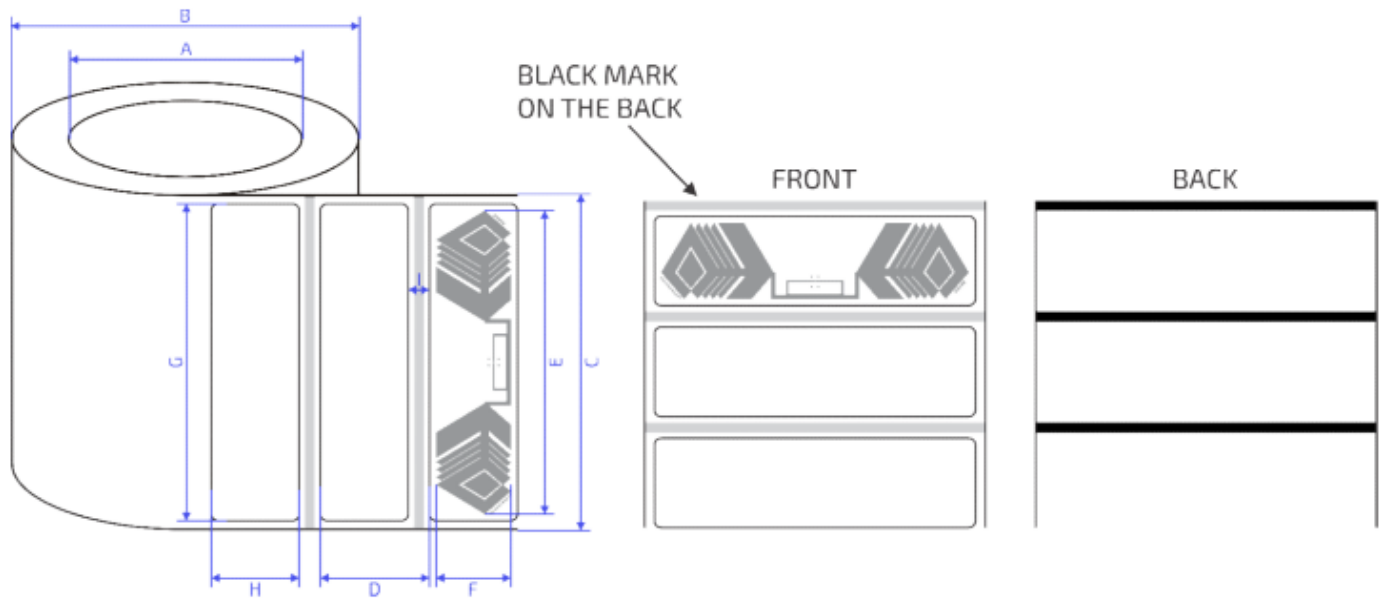
ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	UHF ISO-18000-6C
	IC Type:	Impinj M750
	Memory:	EPC 96 Bits, User 32 Bits, TID 96 Bits
	EPC Memory Content:	Unique, Auto-Serialized
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard

MECHANICAL	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Printable White Film (Thermal Transfer)
	Recommended Ribbon:	Wax Resin Ribbon
	Attachment Method:	General Purpose Permanent Adhesive
	Dimensions:	97 x 27 mm (3.82 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:	3,500 Labels
	Timing Mark:	Black, 3.175 mm (0.125 in) Lines
Pitch:	33.48 mm (1.32 in)	

ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)

Diagrams

Layout and Dimensions



Dimension	Item	Metric [mm]	Tolerance [mm]	US [in]
A	Core inner diameter	76,2	2	3,00
B	Roll max outer diameter (\leq)	203,2	5	8,00
C	Web width	103	2	4,06
D	Pitch length per piece (MD)	33,481	2	1,32
E	Antenna width	93	0,2	3,66
F	Antenna height	23	0,5	0,91
G	Die-cut width	97	1	3,82
H	Die-cut height	27	2	1,06
I	GAP	6,481	2	0,26
	Register Mark	103x3	1,5	4x0,19

* Not applicable.



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



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.

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Vulcan RFID™ Accessories

Vulcan RFID™ provides a variety of high-quality accessories, RF hardware, and cables.

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