



Product Family | Global UHF RFID Inlay (860 - 960 MHz)
 Product Code | VUL-FIRE-UC8-WWINLY

FIRE

WHITE WET INLAY

The Vulcan RFID™ Fire UHF RFID White Wet Inlay comes equipped with the latest in high-performance NXP UCODE 8 integrated circuit that meets the needs of the most demanding RFID tagging applications.

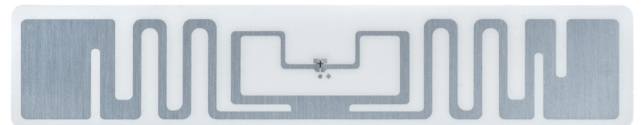
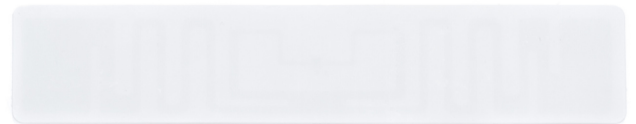
This inlay provides **excellent read performance** for operations in retail with applications such as apparel hang tags, supply chain management, and shipping services. Other typical applications include but are not limited to:

- Corrugated Cases
- Pallet Placard Labels
- Asset Management

The **narrow antenna design** makes the inlay an ideal fit for certain applications such as file folder labels and applications with plastic.

With a PET substrate rather than paper, this inlay exhibits a **heightened durability** allowing it to last longer. With a narrow antenna, and larger size than its counterpart the Vulcan RFID™ Flame, the Vulcan RFID™ Fire exhibits **increased performance**.

From tracking along the supply chain to loss prevention, the Vulcan RFID™ UHF White Wet Inlay is an optimal tag featuring an enhanced read sensitivity with **128 bits of EPC memory**.





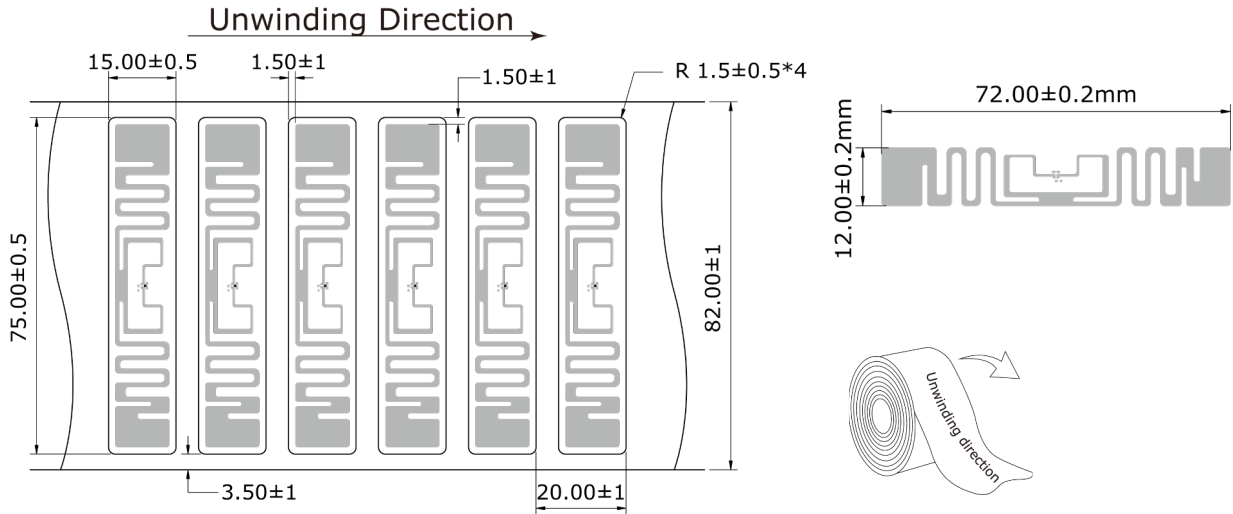
Specifications

ELECTRICAL	Air Interface Protocol:	ISO 18000-6C
	Operating Frequency:	Global (860-960 MHz)
	IC Type:	NXP UCODE 8
	Memory:	EPC 128 Bits, TID 96 Bits, User 0 Bits
	EPC Memory Content:	Unique
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Glass, Plastic, Wood, Cardboard
MECHANICAL	Tag Form Factor:	White Wet Inlay
	Tag Materials:	Printable White Film (Thermal Transfer)
	Attachment Method:	General Purpose Permanent Acrylic Based Adhesive
	Quantity per Roll:	5,000
	Core Internal Diameter:	76.2 mm (3 in)
	Roll External Diameter:	195.83 mm (7.71 in)
	Dimensions:	75 x 15 mm (2.95 x 0.59 in)
	Weight:	1 g
	Pitch:	20 mm
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)
	Storage Temperature:	-55° to +125°C (-67° to +257°F)

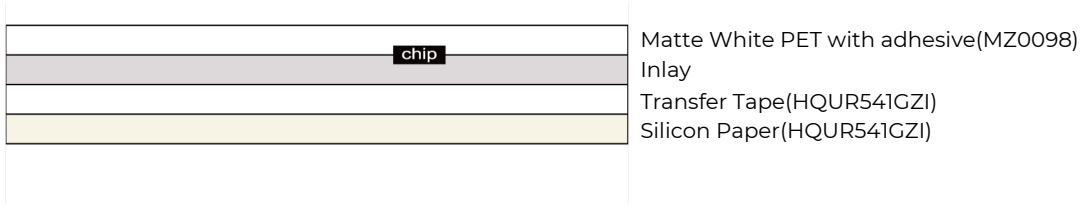


Diagrams

Layout and Dimensions (mm)



Construction (Total Thickness: 0.26~0.36 mm)



Product Variations

	IC Type & Memory	Form Factor	Product Code
Fire	NXP UCODE 8 (EPC 128 Bits, TID 96 Bits)	White Wet Inlay	VUL-FIRE-UC8-WWINLY
	Impinj M730 (EPC 128 Bits, TID 96 Bits)	White Wet Inlay	VUL-FIRE-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.

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Vulcan RFID™ Accessories

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

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