



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

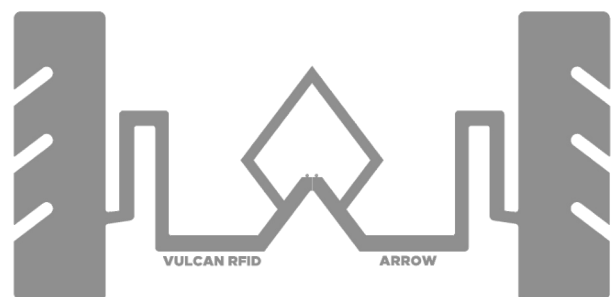
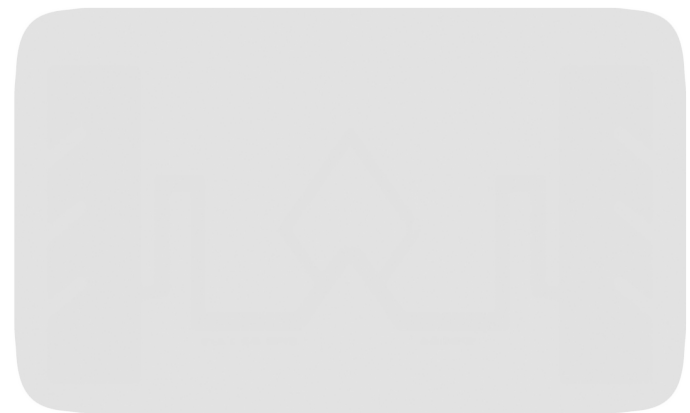
# ARROW

## WHITE WET INLAY

The Vulcan RFID™ Arrow UHF RFID White Wet Inlay is equipped with the high-performance NXP UCODE 8 integrated circuit designed to meet the needs of challenging RFID tagging applications.

The Vulcan RFID™ Arrow is optimized for high volume operations and applications. The expansive read range, high inventory accuracy, and exceptional performance makes this tag suitable for a variety of industries like enterprise, retail, and automotive industries. Other ideal applications include:

- Warehousing
- Asset Management
- Footwear
- Packaging Labels
- Hang Tags
- Asset Management





# Specifications

<b>ELECTRICAL</b>	Air Interface Protocol:	ISO 18000-6C
	Operating Frequency:	Global (860-960 MHz)
	IC Type:	NXP UCODE 8
	Memory:	EPC 128 bit, TID 96 bit
	EPC Memory Content:	Unique
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Plastic, wood, cardboard

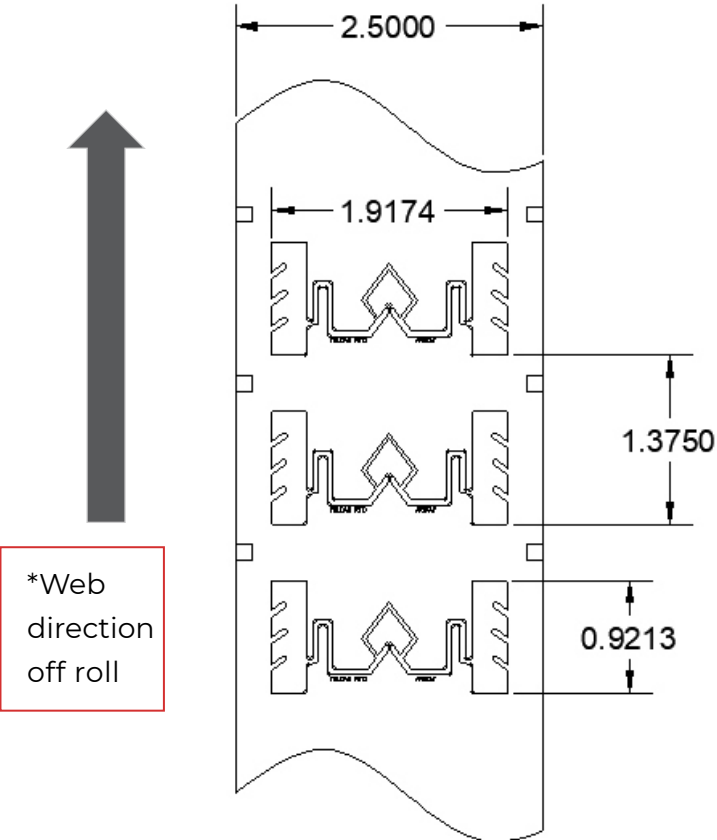
<b>MECHANICAL</b>	Tag Form Factor:	White wet inlay
	Tag Materials:	Printable white film (Thermal Transfer)
	Attachment Method:	General purpose permanent acrylic based adhesive
	Quantity per Roll:	2,500
	Core Internal Diameter:	76.2 mm (3 in)
	Roll External Diameter:	177.8 mm (7 in)
	Dimensions:	53 x 33 mm (2.09 x 1.3 in)
	Weight:	1 g

<b>ENVIRONMENT</b>	Operating Temperature:	-40° to +85°C (-40° to +185°F)
	Storage Temperature:	-40° to +85°C (-40° to +185°F)



# Diagrams

## Layout and Dimensions (in)



## Inlay Layer Construction

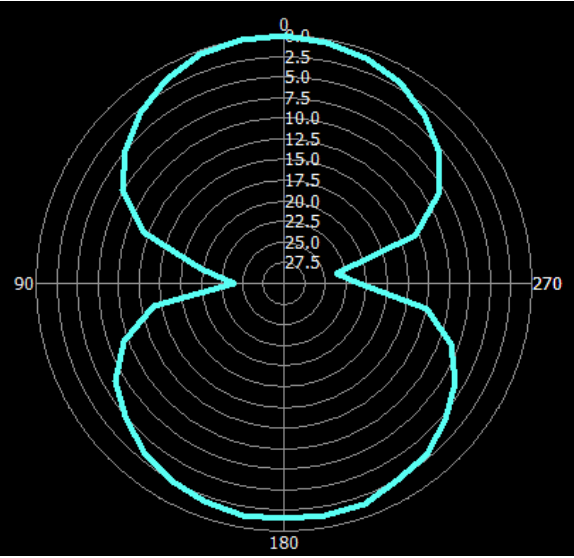


- Paper Interleave
- I.C
- Adhesive Conductive Paste
- Aluminum Antenna
- Polyethylene terephthalate Web

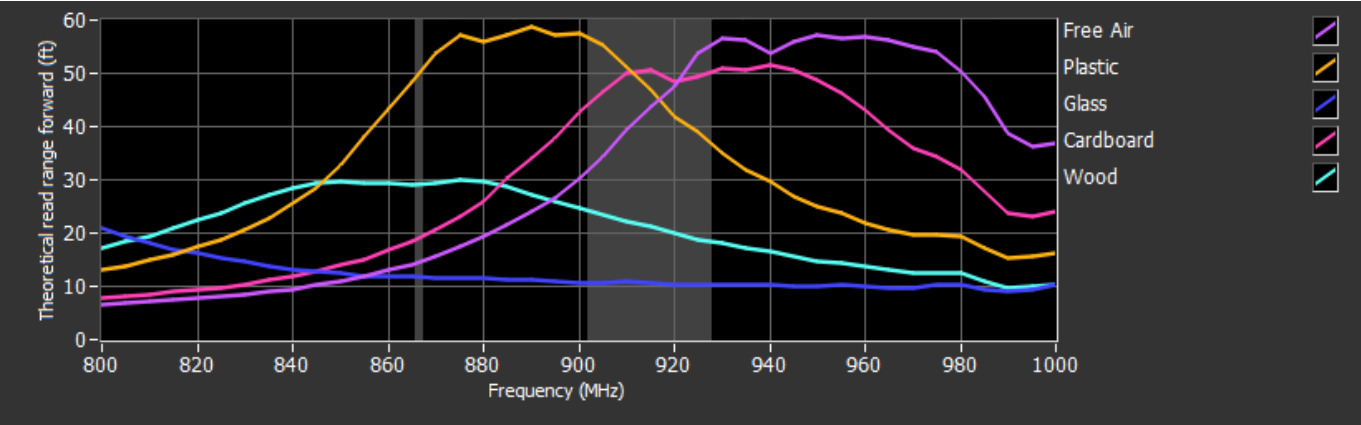


# Diagrams

## Orientation Sensitivity



## Read Range





# 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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