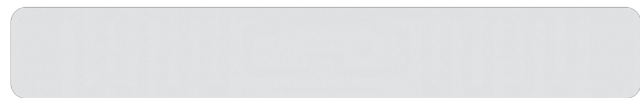# VULCAN RFID™

2.95" x 0.51"
ARC CERTIFIED EOS-450 M730 INLAY

The blank **Vulcan RFID™ Label (2.95" x 0.51") - with ARC Certified Tageos EOS-450 M730 Inlay** is a recommended solution for product retail suppliers looking for a tag that complies with the **current RFID tag mandates from Walmart and Nordstrom**. Manufactured to ensure optimum performance, these **2.95" x 0.51"** thermal transfer, smooth film labels come standard with the **EOS-450** inlay and **Impinj M730** integrated circuit. The integrated **EOS-450** inlay is on the approved inlay list by **Auburn University's RFID Lab ARC Program** when used in retail applications and complies with categories **F, G, I, J, K, L, N, Q, W1, W2, W3, W4, W5, W6** and **Z**.

The **Vulcan RFID™ Label (2.95" x 0.51") - with ARC Certified Tageos EOS-450 M730 Inlay** is great for a variety of applications including but not limited to:

- Retail Apparel
- Logistics
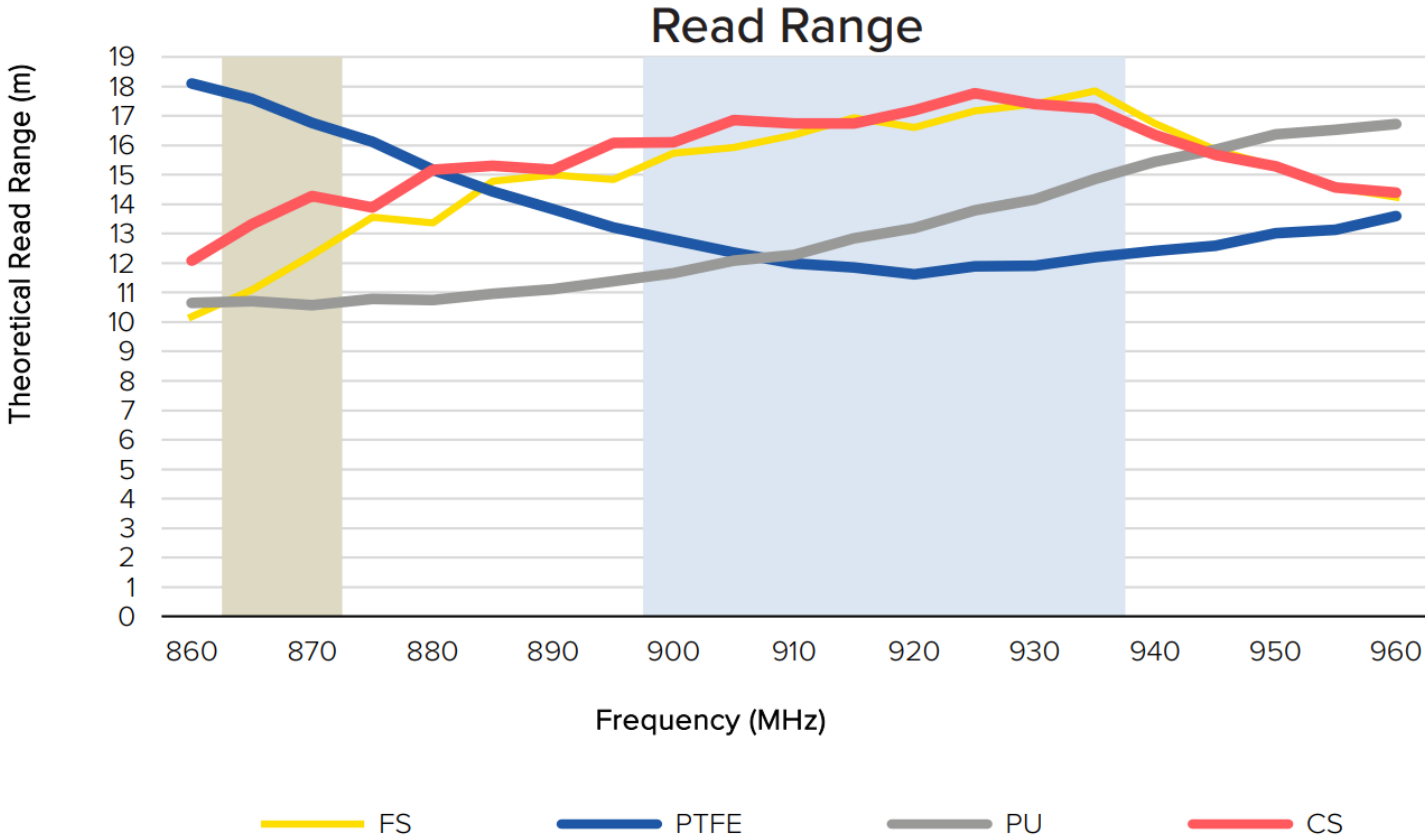- Supply Chain
- Item Level Tagging

VULCAN RFID™

Specifications

ELECTRICAL		
	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	EPCglobal UHF Class 1 Gen 2 (ISO-18000-6C)
	IC Type:	Impinj M730
	Memory:	EPC 128 Bits, TID 96 Bits
	EPC Memory Content:	Not Guaranteed Unique
	Max Read Distance:	Testing Recommended
	Applicable Surface Materials:	Wood, Plastic, Glass, Cardboard
	ARC Approved Categories:	F, G, I, J, K, L, N, Q, W1, W2, W3, W4, W5, W6, Z

MECHANICAL		
	Tag Form Factor:	White Wet Label Tag, No Perforation
	Tag Materials:	Printable White Film (Thermal Transfer)
	Recommended Ribbon:	Wax Resin Ribbon
	Attachment Method:	General Purpose Permanent Adhesive
	Dimensions:	75 x 13 mm (2.95 x 0.51 in)
	Weight:	1 g (0.002 lbs)
	Core ID:	76.2 mm (3 in)
	External Roll Diameter:	Up to 203.2 mm (8 in)
	Quantity per Roll:	5,000 Labels
	Pitch:	16 ± 0.2 mm (0.63 ± 0.01 in)

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

VULCAN RFID™

Diagrams

Read Range

Theoretical Read Range (m) vs Frequency (MHz)

Legend: FS, PTFE, PU, CS

VULCAN RFID™

Accessories & Compatible Products

Walmart Supplier Setup Service

POST-WALMART-SETUP

Zebra ZT411 RFID Printer

ZT41142-T0100A0Z

SATO CL4NX Plus Printer

WWCLP1701-NAR

VULCAN RFID™

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.

Shop Now

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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1 (888) 238-1155

Outside USA
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