



2.9" x 0.59" LABELS

ARC CERTIFIED EOS-430 M730 INLAY

The blank Vulcan RFID™ Label (2.9" x 0.59") - with ARC Certified Tagueos EOS-430 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 2.9" x 0.59" thermal transfer, smooth paper labels come standard with the EOS-430 inlay and M730 integrated circuit. The integrated EOS-430 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, M, N, Q, W1, W2, W3, W4, W5, W6, and Y.

The Vulcan RFID™ Label (2.9" x 0.59") - with ARC Certified Tagueos EOS-430 M730 Inlay is great for a variety of applications including but limited to:

- Labeling packaging material
- Compliance labeling
- Work in process





Specifications

ELECTRICAL	Operating Frequency:	Global (860-960 MHz)
	Air Interface Protocol:	EPC Class 1 Gen 2 - ISO 18000-6C
	IC Type:	Impinj M730
	Memory:	EPC 128 bits, User 0 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, M, N, Q, W1, W3, W4, W5, W6, Y

MECHANICAL	Tag Form Factor:	Label Tag, No Perforation
	Tag Materials:	Printable White Paper (Thermal Transfer)
	Recommended Ribbon:	Wax
	Attachment Method:	Transfer Adhesive
	Dimensions:	73.66 x 14.99 mm (2.9 x 0.59 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:	5,000 Labels
	Pitch:	20 mm ± 0.5 mm (0.787 in)

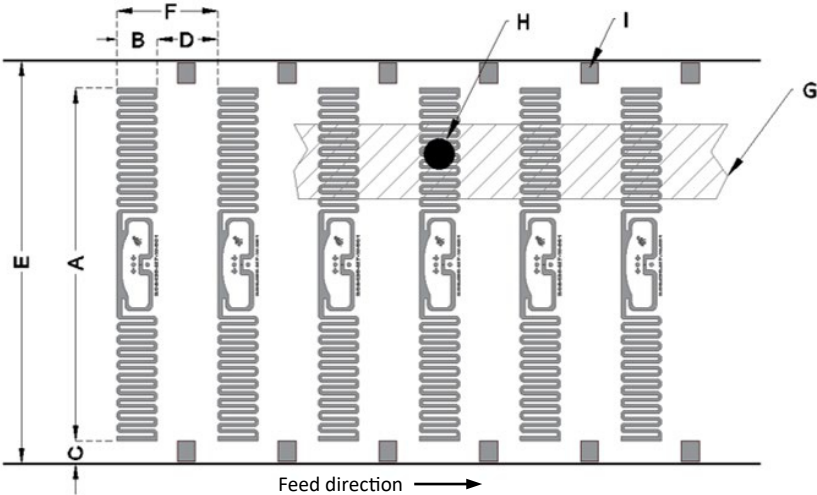
ENVIRONMENT	Operating Temperature:	-40° to +85°C (-40° to +185°F)



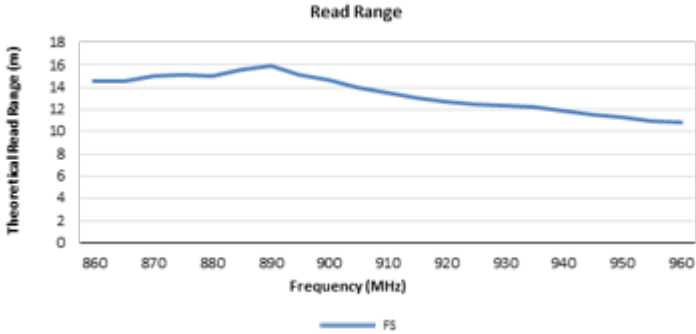
Diagrams

MECHANICAL DIMENSIONS

Antenna size	A x B	70 x 8 mm	2.756 x 0.315 in
Antenna to web edge	C	5mm +/-1mm	0.197 +/- 0.039 in
	D	12mm +/-0.5mm	0.472 +/- 0.020 in
Web width	E	80 mm	3.150 in
Pitch	F	20 mm ± 0,5 mm	0.787 in
Interleaves	G		
Bad mark	H	∅ 6 mm	∅ 0.24 in
Converting Spot	I	4 x 3.5 mm	0.157 x 0.138 in



TAG READ PERFORMANCE



All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level and an Impinj M730 tag silicon.



Accessories & Compatible Products

Walmart Supplier Setup Service



Zebra ZT421 RFID Printer



ZT42162-T0100A0Z

SATO CL4NX Plus Printer



WWCLP1701-NAR



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.

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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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