
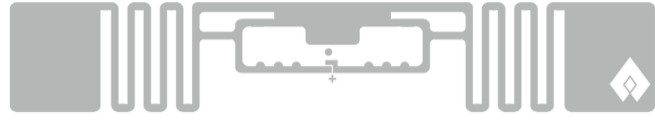

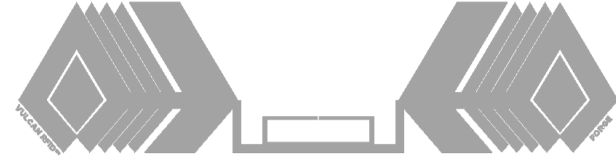



# Vulcan RFID™ Inlays

The line of Vulcan RFID™ UHF RFID inlays consists of five, global RFID tags with varying integrated circuits (IC). For more information about these inlays - check out their individual product pages or [contact us!](#)

	 <b>Vulcan RFID™ Flame</b>	 <b>Vulcan RFID™ Fire</b>	 <b>Vulcan RFID™ Arrow</b>	 <b>Vulcan RFID™ Forge</b>	 <b>Vulcan RFID™ Torch</b>
SKU Product Code	VUL-FLAME-M730-WWINLY VUL-FLAME-M4I-WWINLY	VUL-FIRE-M730-WWINLY VUL-FIRE-UC8-WWINLY	VUL-ARROW-UC8-WWINLY	VUL-FORGE-M750-WWINLY-II	VUL-TORCH-M750-WWINLY-II
Operating Frequency Published Operating Frequency	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)	Global (860-960 MHz)
Form Factor Tag Form	White Wet Inlay	White Wet Inlay	White Wet Inlay	White Wet Inlay	White Wet Inlay
IC Type Type of Integrated Circuit	Impinj M730, or Impinj M4i	Impinj M730 or NXP UCODE 8	NXP UCODE 8	Impinj M750	Impinj M750
EPC Memory EPC Memory Bank Capacity	128 or 256 bits	128 bits	128 bits	96 bits	96 bits
User Memory User Memory Bank Capacity	0 or 480 bits (IC Dependent)	None	None	32 bits	32 bits
TID Memory TID Memory Bank Capacity	0 or 96 bits (IC Dependent)	96 bits (48-bit unique serial number)	96 bits	96 bits	96 bits
Applicable Surface Materials Suggested Materials to Tag	Glass, Plastic, Wood, Cardboard	Glass, Plastic, Wood, Cardboard	Glass, Plastic, Wood, Cardboard	Glass, Plastic, Wood, Cardboard	Glass, Plastic, Wood, Cardboard
Attachment Method Suggested Attachment Method	Permanent Acrylic-based Adhesive	Permanent Acrylic-based Adhesive	Permanent Acrylic-based Adhesive	Permanent Acrylic-based Adhesive	Permanent Acrylic-based Adhesive
Dimensions Inlay Dimensions	47.5 x 13.38 mm (1.87 x 0.526 in)	75 x 15 mm (2.95 x 0.60 in)	53 x 33 mm (2.09 x 1.30 in)	97 x 27 mm (3.82 x 1.06 in)	97 x 15 mm (3.82 x 0.59 in)
Operating Temperature Safe Operating Temperature	-40 to +85 C (-40 to +185 F)	-40 to +85 C (-40 to +185 F)	-40 to +85 C (-40 to +185 F)	-40 to +85 C (-40 to +185 F)	-40 to +85 C (-40 to +185 F)
Applications Suggested Tag Applications	Item-level Retail Applications, Asset Management	Retail, File Tracking, Supply Chain Management	Supply Chain Management, Retail, Document Tracking, Apparel Tracking	Race Timing, Carwash Applications, Work-in-Progress	Retail, Supply Chain Management, Race Timing, Asset Tracking
Quantity Per Roll Manufactured Roll Quantity	5,000	5,000	2,500	3,500	4,500
Link to Datasheet	<a href="#">Vulcan RFID Flame M4i</a> , <a href="#">Vulcan RFID Flame M730</a>	<a href="#">Vulcan RFID Fire M730</a> , <a href="#">Vulcan RFID Fire UCODE8</a>	<a href="#">Vulcan RFID Arrow UCODE8</a>	<a href="#">Vulcan RFID Forge II</a>	<a href="#">Vulcan RFID Torch II</a>