VULCAN RFID™

FLASH CLASSIC
ON-METAL LABEL

The **Vulcan RFID Flash Classic On-Metal Label** is an **affordable option** for tagging **metal assets** and **consumable metal products** in industries such as IT, healthcare, aerospace, and transportation.
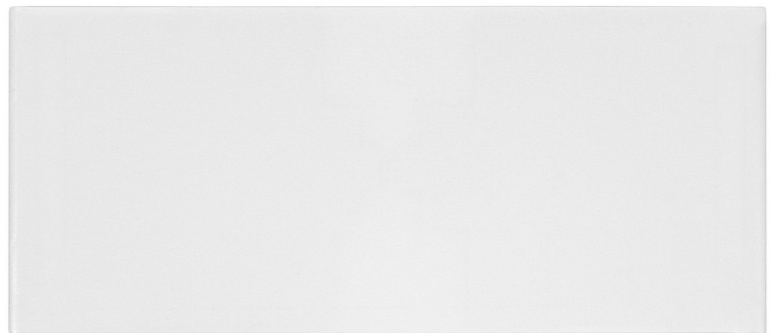
The **Vulcan RFID Flash Classic On-Metal Label** maintains its read range while adhered to **curved surfaces** and features a **large, printable surface** for **barcodes** and human readable information.

The **Vulcan RFID Flash Classic On-Metal Label** features the high-performing **Impinj Monza R6-P IC** and is equipped with 128 bits of EPC memory.

The **Vulcan RFID Flash Classic On-Metal Label** is compatible with **onsite printing and encoding**, making it a low cost option for tagging assets in the field.

The **Vulcan RFID Flash Classic** is great for tagging metal objects and metallic surfaces in a variety of applications, including but not limited to:

- Asset Tracking
- Work-In-Progress Tracking
- Maintenance Management
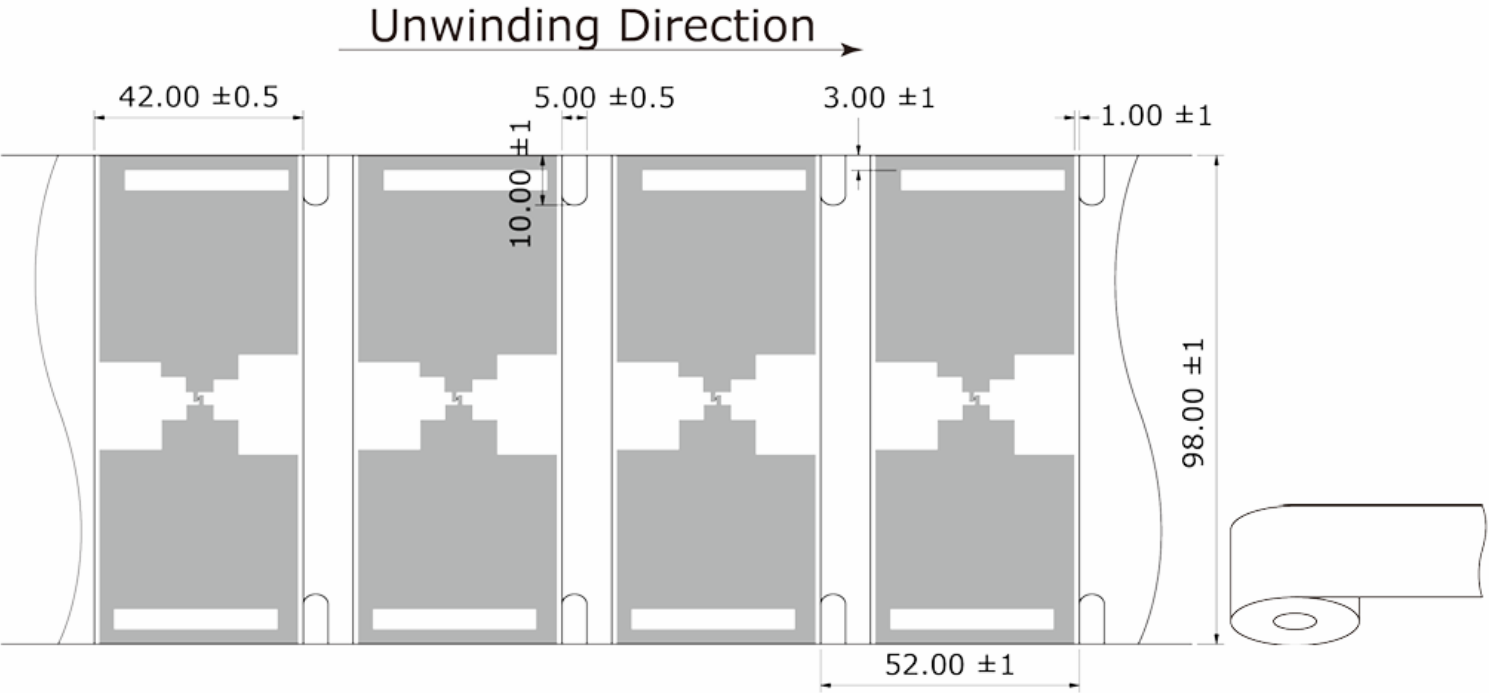- Tracking Metal Consumables

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Specifications

ELECTRICAL

Operating Frequency:	FCC (902-928 MHz), ETSI (865-868 MHz)
Air Interface Protocol:	UHF ISO-18000-6C
IC Type:	Impinj Monza R6-P
Memory:	EPC 128 Bits, User 32 Bits, TID 96 Bits
EPC Memory Content:	Unique, Auto-Serialized
Max Read Distance:	Testing Recommended
Applicable Surface Materials:	Metal and Metallic Substrates

MECHANICAL

Tag Form Factor:	On-Metal RFID Label
Tag Materials:	Aluminum, PET
Recommended Ribbon:	Resin Ribbon
Attachment Method:	Double-sided Adhesive
Dimensions:	98 x 42 x 1.4 mm (3.86 x 1.65 x 0.055 in)
Weight:	1 g (0.002 lbs)
Core ID:	152.4 mm (6 in)
External Roll Diameter:	250 mm (9.84 in)
Quantity per Roll:	200 Labels

ENVIRONMENT

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

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Diagrams

Layout and Dimensions (mm)

Construction (Thickness: mm; Tolerance: +/-10% per layer)

Thickness	Layer
0.075	Matte White PP with adhesive(BYMC00063)
0.062	Inlay
1.1	Foam(BYMC00135)
0.062	AL+PET
0.15	Double-sided Adhesive(BYJC00054)
0.12	Silicon Paper(BYJC00054)

Product Parameter

Parameters	Characteristics
Tail	1 m leading silicon paper at the beginning and the end of roll
Defectives	NA.
Yield	≥ 99 %

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Accessories & Compatible Products

Vulcan RFID Read & Write Software

VUL-UHF-READ-WRITE-SOFTWARE

Vulcan RFID Iron USB Reader

VUL-USB-IRON-INTANT-ENC-US

Vulcan RFID Indium Handheld Reader

VUL-HH-INDIUM-IMG-US

*For custom cable connectors or lengths please contact us.

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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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