



TORCH II

WHITE WET INLAY

The Vulcan RFID™ Torch II White Wet Inlay is the successor to the Vulcan RFID™ Torch and is outfitted with the innovative and highly efficient Impinj M750 IC.

The Vulcan RFID™ Torch II is suited for worldwide retail, industry, and supply chain applications because of its exceptional read performance.

The Vulcan RFID™ Torch II features 96 bits of EPC memory and 32 bits of User memory due to the M750 IC.

These tags perform well on low-detuning materials such as cardboard, plastics, corrugated boxes, and RTIs.

The Vulcan RFID™ Torch II UHF RFID White Wet Inlay is great for a variety of applications including but not limited to:

- Race Timing
- Cardboard Boxes
- Corrugated Cases
- Asset Management
- Worldwide Retail



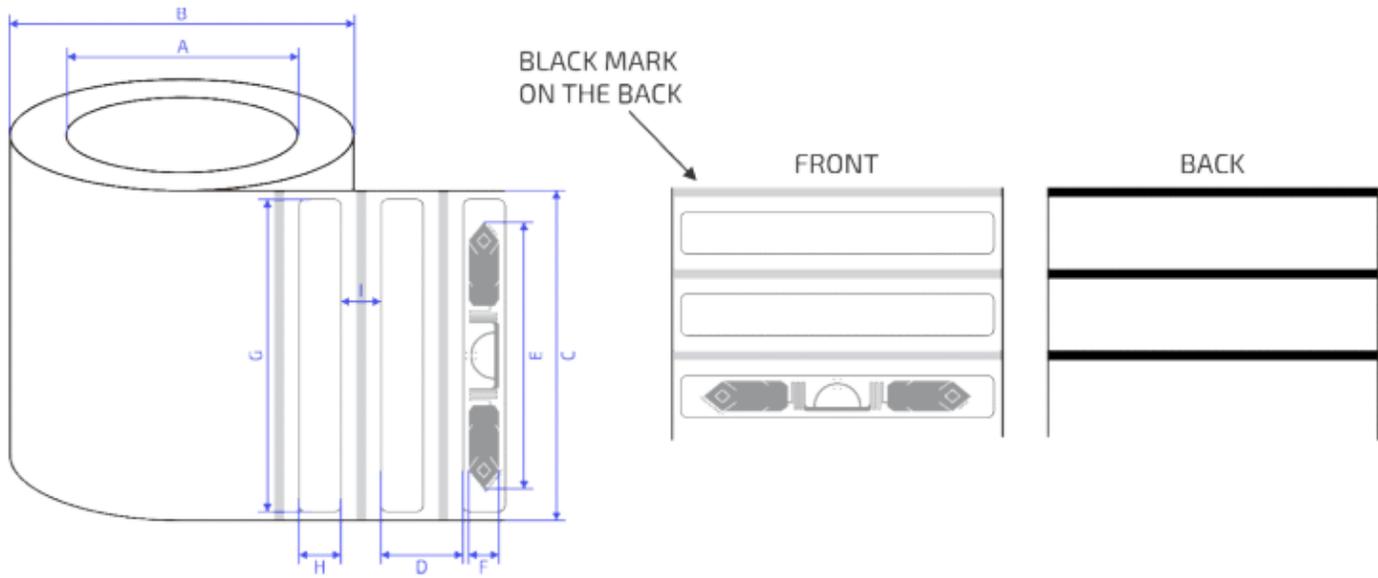


Specifications

| | | |
|-------------|-------------------------------|---|
| ELECTRICAL | Operating Frequency: | Global (860-960 MHz) |
| | Air Interface Protocol: | UHF ISO-18000-6C |
| | IC Type: | Impinj M750 |
| | Memory: | EPC 96 Bits, User 32 Bits, TID 96 Bits |
| | EPC Memory Content: | Unique, Auto-Serialized |
| | Max Read Distance: | Testing Recommended |
| | Applicable Surface Materials: | Wood, Plastic, Glass, Cardboard |
| | | |
| | | |
| MECHANICAL | Tag Form Factor: | White Wet Inlay |
| | Tag Materials: | Printable White Film (Thermal Transfer) |
| | Recommended Ribbon: | Wax Resin Ribbon |
| | Attachment Method: | General Purpose Permanent Adhesive |
| | Dimensions: | 97 x 15 mm (3.82 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: | 4,500 Labels |
| | Timing Mark: | Black, 3.175 mm (0.125 in) Lines |
| Pitch: | 25.4 mm (1.00 in) | |
| ENVIRONMENT | Operating Temperature: | -40° to +85°C (-40° to +185°F) |
| | | |
| | | |
| | | |
| | | |

Diagrams

Layout and Dimensions



| Dimension | Item | Metric [mm] | Tolerance [mm] | US [in] |
|-----------|------------------------------------|-------------|----------------|---------|
| A | Core inner diameter | 76,2 | 2 | 3,00 |
| B | Roll max outer diameter (\leq) | 203,2 | 5 | 8,00 |
| C | Web width | 103 | 2 | 4,06 |
| D | Pitch length per piece (MD) | 25,4 | 2 | 1,00 |
| E | Antenna width | 83 | 0,2 | 3,27 |
| F | Antenna height | 9,5 | 0,5 | 0,37 |
| G | Die-cut width | 97 | 1 | 3,82 |
| H | Die-cut height | 15 | 2 | 0,59 |
| I | GAP | 10,4 | 2 | 0,41 |
| | Register Mark | 103x3 | 1,5 | 4x0,19 |

* Not applicable.



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



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](#)



Inside USA
1 (888) 238-1155

Outside USA
1 (205) 383-2244

info@atlasRFIDstore.com
www.atlasRFIDstore.com