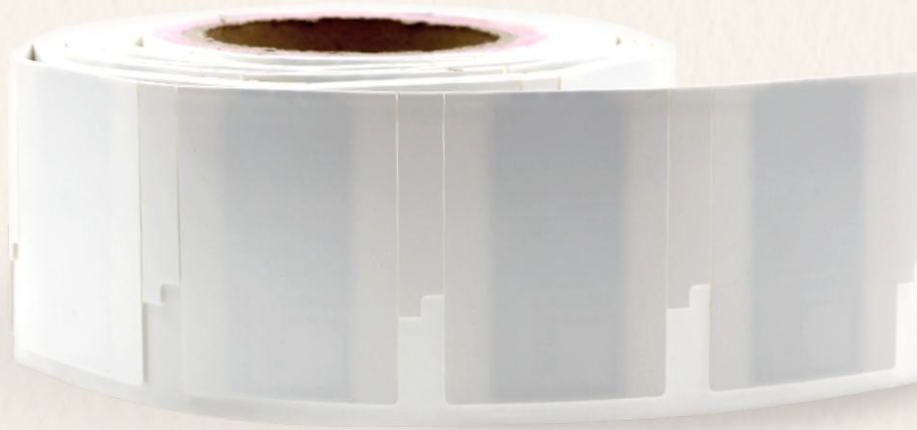




## Impinj Monza® R6-P UHF On-Metal RFID Label

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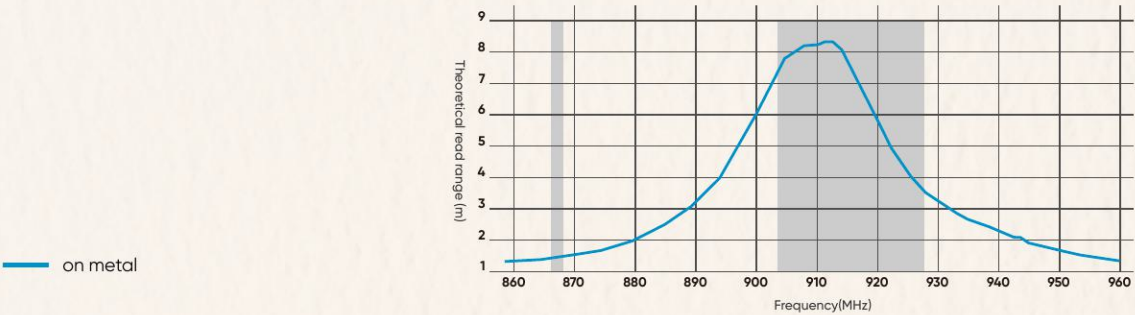
|               |                                                                                                                         |
|---------------|-------------------------------------------------------------------------------------------------------------------------|
| SKU:          | RS-R6P-OMPET-7050                                                                                                       |
| Chip Type:    | Impinj Monza® R6-P                                                                                                      |
| Frequency:    | UHF 860-960 MHz                                                                                                         |
| User Memory:  | 32   64 bits                                                                                                            |
| EPC Memory:   | 128   96 bits                                                                                                           |
| Read Range:   | 8m on-metal (2W ERP FCC)                                                                                                |
| Protocol:     | ISO   IEC 18000-63,<br>EPC Global Gen2v2                                                                                |
| Industry:     | Retail, Healthcare,<br>Industrial Applications,<br>Laboratory, Logistics,<br>Catering, Automotive                       |
| Applications: | Asset Tracking, Inventory,<br>Warehouse, Metal,<br>Cable Management,<br>Electronics, Vehicle Tracking,<br>Tire Tracking |

The Flexible & Printable UHF On-Metal Label offers durable, high-performance RFID tracking for metallic assets. Its flexible design allows easy printing and encoding, making it simple to customize for various applications.

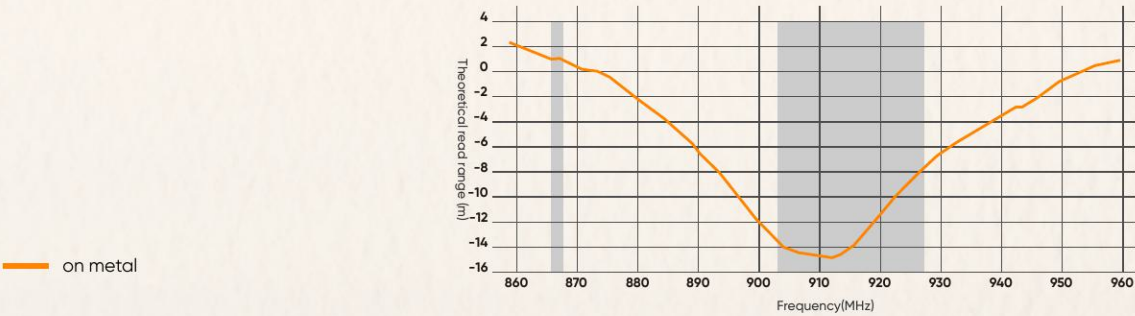
It adheres firmly to metal surfaces, including curved and uneven areas, making it ideal for tracking metallic containers, equipment, warehouse shelves, automotive parts, and IT assets. Reliable read performance ensures accurate tracking and improved operational efficiency.

Reading performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

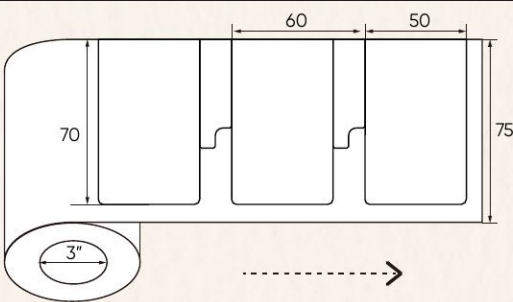
|                       |                                                                                                                       |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Material              | PET & Aluminum Foil & Foam                                                                                            |
| Size                  | 70×50×1 mm                                                                                                            |
| Operating Environment | -20℃ ~ 50℃, 20% ~ 80% RH                                                                                              |
| Storage Environment   | 18℃ ~ 28℃, 40% ~ 60% RH                                                                                               |
| Mounting Method       | Stick                                                                                                                 |
| Surface               | Paper Carton, Plastic, Wood, Metal                                                                                    |
| IP Rating             | IP68                                                                                                                  |
| Handling Precautions  | 1. Do not bend.<br>2. Keep away from water and collision.<br>3. Inlays with black-dot marks are bad ones, do not use. |

Technical Information

|                        |                                       |
|------------------------|---------------------------------------|
| Operating Frequency    | UHF 860~960 MHz                       |
| Communication Protocol | ISO   IEC 18000-63, EPC Global Gen2v2 |
| Read Range             | 8m on-metal (2W ERP FCC)              |
| Chip Type              | Impinj Monza® R6-P                    |
| User Memory            | 32   64 bits                          |
| EPC Memory             | 128   96 bits                         |
| Security Features      | Access / Kill short-range mode        |

|                     |                  |                                               |
|---------------------|------------------|-----------------------------------------------|
| Packing Information | Packing Format   | Packed in roll, vacuummed packing in ESD bag. |
|                     | Roll OD          | Max. 152 mm                                   |
|                     | Core ID          | 3 inch/76.2 ± 0.50mm                          |
|                     | Packing Quantity | 200 pcs/roll, weight per roll 0.71kg          |

Label Dimensions  
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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