



SKU:	RS-R6P-OMPET-5515
Chip Type:	Impinj Monza® R6-P
Frequency:	UHF 860-960 MHz
User Memory:	32 64 bits
EPC Memory:	128 96 bits
Read Range:	5.5m on-metal, 2.8m off-metal (2W ERP FCC) 3.5m on-metal, 2m off-metal (2W ERP ETSI)
Protocol:	ISO IEC 18000-63, EPC Global Gen2v2
Industry:	Retail, Healthcare, Industrial Applications, Laboratory, Logistics, Catering, Automotive
Applications:	Asset Tracking, Inventory, Warehouse, Metal, Cable Management, Electronics,Vehicle Tracking, Tire Tracking

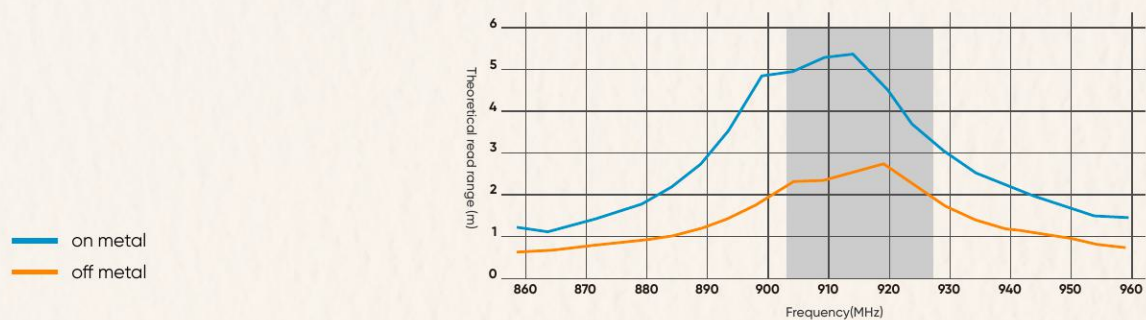
Impinj Monza® R6-P UHF On-Metal RFID Label

The Flexible & Printable UHF On-Metal Label is a durable RFID solution designed for metal surfaces. Its flexible design supports easy printing, encoding, and customization, ensuring reliable performance even in harsh environments.

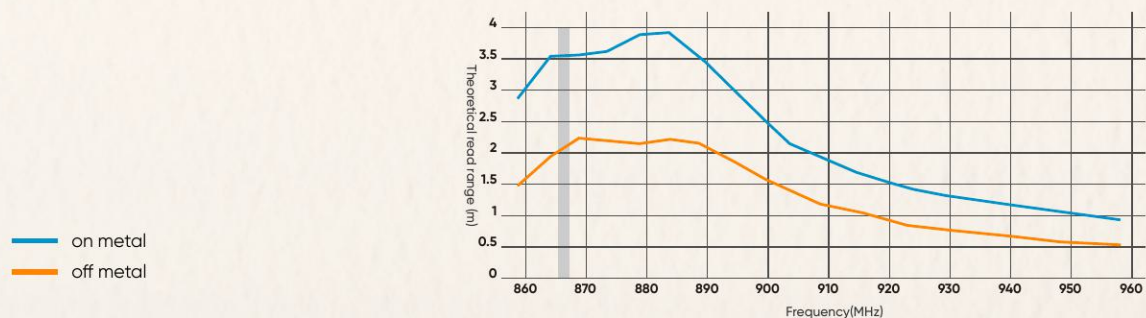
It attaches securely to flat or uneven metallic surfaces, making it ideal for tracking containers, equipment, warehouse shelves, automotive parts, and IT assets. This label improves asset visibility, accuracy, and operational efficiency.

Reading performance

Reading Performance @ FCC Standard



Reading Performance @ ETSI Standard



Physical Information

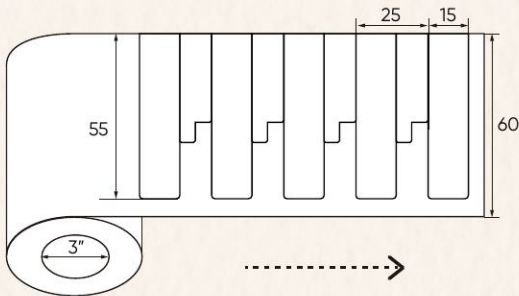
Material	PET & Aluminum Foil & Foam
Size	55×15×1.25 mm
Operating Environment	-20°C ~ 50°C, 20% ~ 80% RH
Storage Environment	18°C ~ 28°C, 40% ~ 60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 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	5.5m on-metal, 2.8m off-metal (2W ERP FCC) 3.5m on-metal, 2m off-metal (2W ERP ETSI)
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	100 pcs/roll, weight per roll 0.249kg

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](https://www.rfidbridge.com) may change products, specs, or services at any time without prior notice. ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications. ● **Legal Notice:** Information is believed accurate but may change [rfidbridge.com](https://www.rfidbridge.com) is not liable for use-related issues or outcomes.