



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



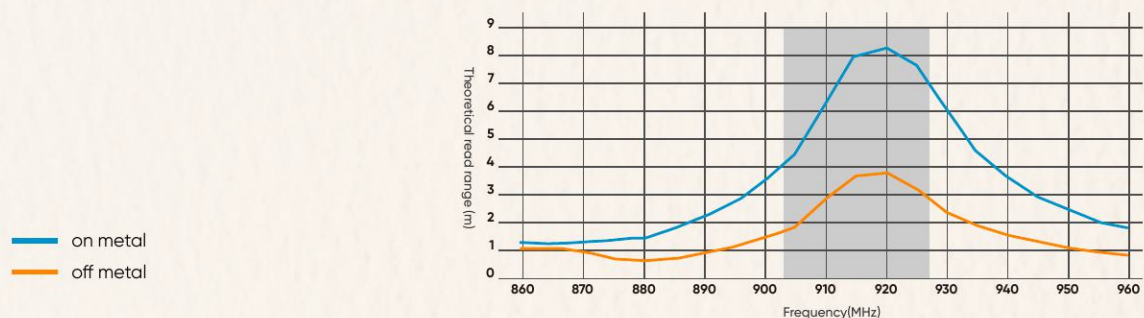
SKU:	RS-R6P-OMPET-7030
Chip Type:	Impinj Monza® R6-P
Frequency:	UHF 860-960 MHz
User Memory:	32 64 bits
EPC Memory:	96 128 bits
Read Range:	8m on-metal, 4m off-metal (2W ERP FCC) 6m on-metal, 3m off-metal (2W ERP ETSI)
Protocol:	ISO IEC 18000-63, EPC Global Gen2v2
Industry:	Apparel and Fashion, Automotive, Aviation, Healthcare, Retail, Industrial Applications, Logistics, Laboratory
Applications:	Asset Tracking, Electronics, Gaming and Toys, Inventory, Metal and Liquids, Warehouse

The Printable UHF On-Metal Label is a high-performance RFID solution featuring the Impinj Monza® R6-P chip, designed for diverse tracking applications. This durable label excels in tracking metallic containers, equipment, devices, automotive components, and IT assets.

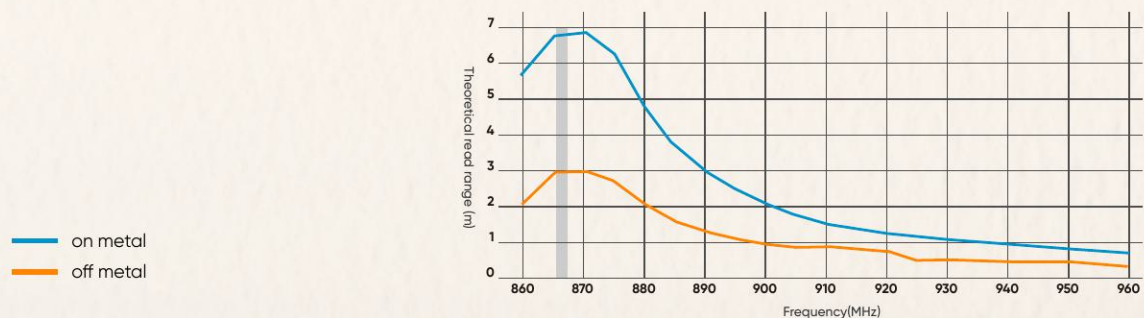
The Impinj Monza® R6-P chip offers extended read ranges, fast response times, and superior anti-collision performance, ensuring reliable and efficient asset tracking. With its easy printing and encoding features, this label provides excellent customization for various needs.

Reading performance

Reading Performance @ FCC Standard



Reading Performance @ ETSI Standard



Physical Information

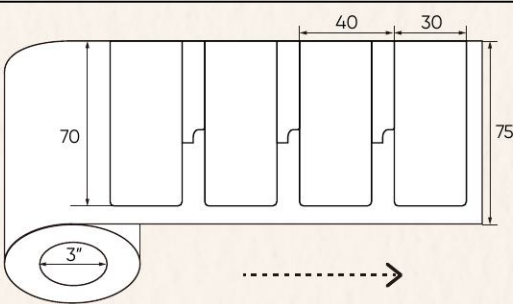
Material	PET & Aluminum Foil & Foam
Size	70×30×1 mm
Operating Environment	-40°C ~ +70°C, 20% ~ 90% RH
Storage Environment	18°C ~ 28°C, 40% ~ 60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 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	8m On-Metal, 4m Off-Metal (2W ERP FCC) 6m On-Metal, 3m Off-Metal (2W ERP ETSI)
Chip Type	Impinj Monza® R6-P
User Memory	32 64 bits
EPC Memory	96 128 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	500 Pcs/roll, per roll 1.5 kg

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.
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