



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



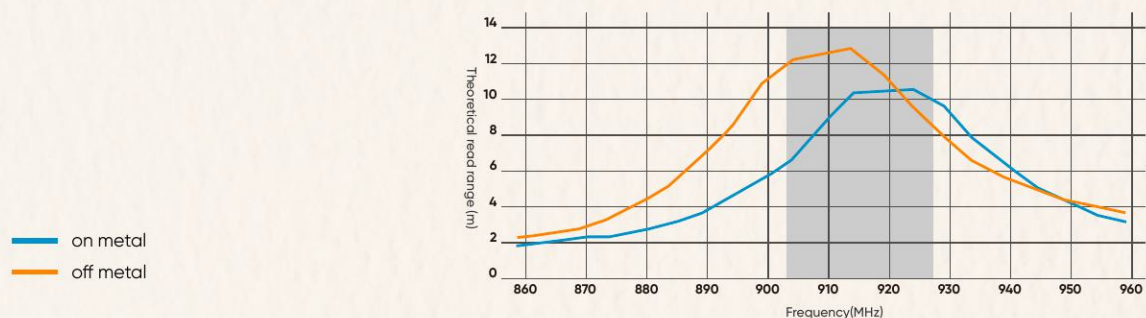
SKU:	RS-R6P-OMPET-9522
Chip Type:	Impinj Monza® R6-P
Frequency:	UHF 860-960 MHz
User Memory:	32 64 bits
EPC Memory:	128 96 bits
Read Range:	10m on-metal, 12m off-metal(2W ERP FCC) 8m on-metal, 7m off-metal (2W ERP ETSI)
Protocol:	ISO IEC 18000-63, EPC Global Gen2v2
Industry:	Apparel and Fashion, Automotive,Aviation, Healthcare,Logistics, Industrial Applications, Retail,Laboratory
Applications:	Asset Tracking, Electronics, Gaming and Toys,Inventory, Metal and Liquids,Warehouse

The Flexible & Printable UHF On-Metal Label is a robust and high-performance RFID solution designed to support a wide range of tracking applications. It offers seamless printing and encoding capabilities, providing excellent flexibility for customization. This label is ideal for tracking metallic containers, equipment, devices, warehouse shelves, automotive parts, and IT assets.

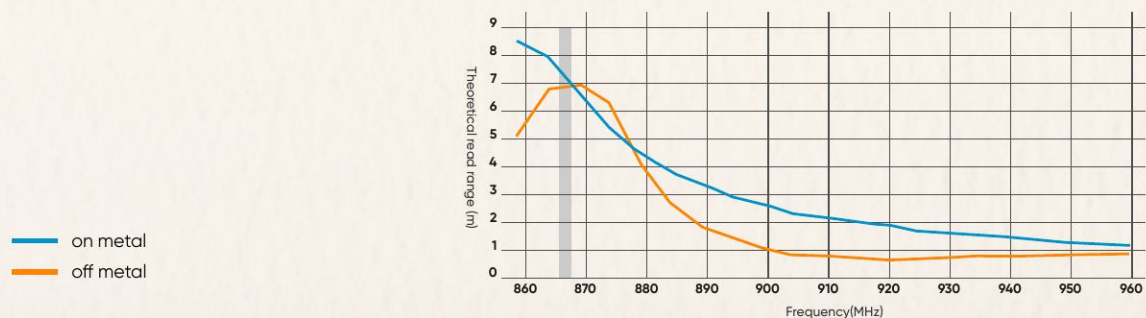
Thanks to its innovative design, the label adheres effortlessly to metallic surfaces, including those that are irregular or uneven. This versatility makes it a reliable option for environments where traditional labels may struggle to stay attached, ensuring consistent performance even in challenging conditions.

Reading performance

Reading Performance @ FCC Standard



Reading Performance @ ETSI Standard



Physical Information

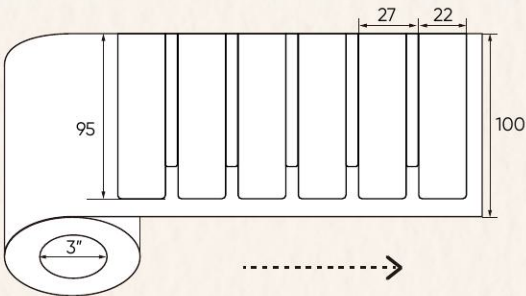
Material	PET & Aluminum Foil & Foam
Size	95×22×1.25 mm
Operating Environment	-40°C ~ +70°C, 20% ~ 90% RH
Storage Environment	18°C ~ 28°C, 40% ~ 60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 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	10m On-Metal, 12m Off-Metal (2W ERP FCC) 8m On-Metal, 7m 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	500Pcs/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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