



Impinj® Monza® R6-P Flexible & Printable UHF On-metal RFID Label



SKU:	RS-R6P-OMPET-6025
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 865-868 MHz (EU)
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory:	128/96 bits
User Memory:	32/64 bits
Read Range:	Max. 5 m
IP Rating:	IP68
Industry:	Industrial
Applications:	Asset Tracking, Inventory



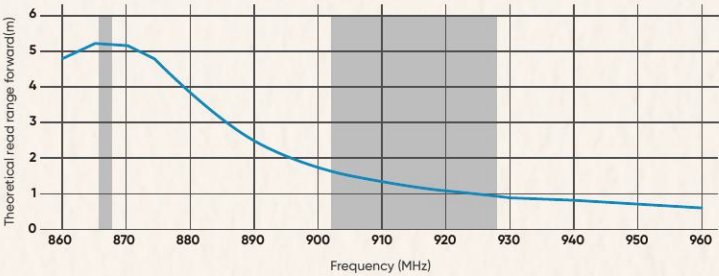
The 60×25 mm Impinj® Monza® R6-P UHF On-Metal RFID Label is a high-performance tagging solution optimized for metallic assets and industrial surfaces. Utilizing the latest Monza® R6-P chip, the label delivers excellent read accuracy, fast encoding speed, and extended read distances, ensuring dependable identification even in RF-challenging environments. Its flexible inlay design enables smooth application on flat, curved, or textured metal surfaces, making it suitable for asset tracking, tool management, and warehouse logistics.

Featuring a printable PET top layer, this RFID label supports full customization, including logos, serial numbers, and barcodes. The strong adhesive ensures stable bonding on metal substrates, while the robust construction provides resistance to heat, abrasion, and outdoor conditions. Compliant with ISO/IEC 18000-6C and EPCglobal Gen2v2, this UHF on-metal label combines durability and high RF efficiency, offering a reliable method for long-term identification and streamlined operations.

Reading Performance

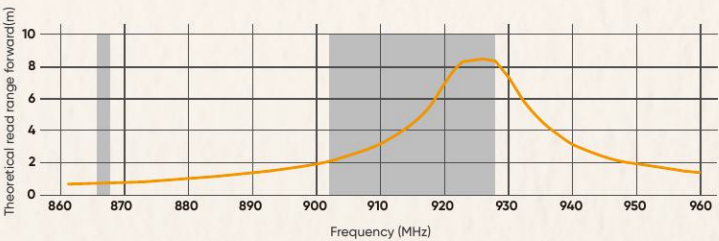
ETSI On metal

Reading Performance @ETSI Standard



Reading Performance @FCC Standard

FCC On metal



Physical Information

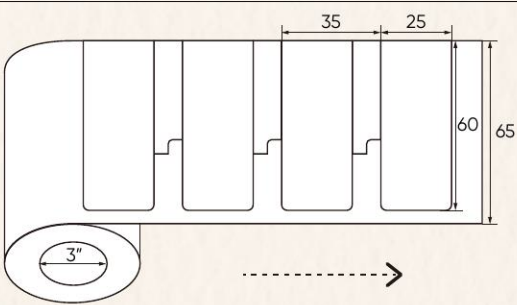
Material	PET & Aluminum Foil & Foam
Label Size(L×W×T)	60×25×1 mm
Operating Environment	-20℃~+50℃, 20%~80% RH
Storage Environment	+18℃~+28℃, 40%~60% RH
Mounting Method	Stick
Surface	Metal
Support Printer	SATO CL4NX, Zebra ZT410 Silverline, Postek TX3r, etc.
Customization	Printing LOGO, Barcode, Serial number, Encoding, Designing, etc.
IP Rating	IP68, test for 5 hours at 1 m deep water
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

Technical Information

Operating Frequency	865-868 MHz (EU)
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
Chip Type	Impinj® Monza® R6-P
EPC Memory	128/96 bits
User Memory	32/64 bits
TID Memory	96 bits
Read Range	5 m on metal (ETSI), 8 m on metal (FCC)
Security Features	32 bits Kill/Access password
EAS Functionality	Support
Anti-Collision	Support

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	500 pcs/roll, weight per roll 0.75 kg
	Packing Weight	4 rolls/carton, G.W.: 3 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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