



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



SKU:	RS-R6P-OMPET3M-3015
Chip Type:	Impinj® Monza® R6-P
Frequency:	UHF 860-960Mhz
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory:	128/96 bits
User Memory:	32/64 bits
Read Range:	Max. 0.9 m
IP Rating:	IP68
Industry:	Industrial
Applications:	Asset Tracking, Inventory

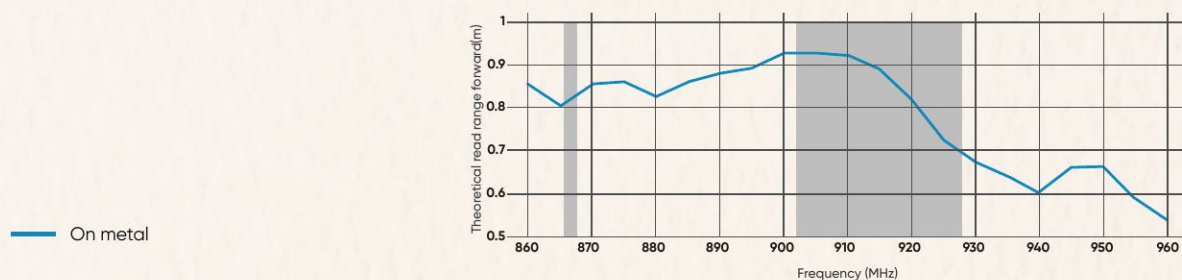


The 30x15 mm Impinj® Monza® R6-P RFID Label is a compact, high-performance RFID solution designed for fast and reliable item-level identification. Based on the Impinj® Monza® R6-P chip, this label complies with ISO/IEC 18000-63 standards, supporting high-speed data transmission in asset tracking.

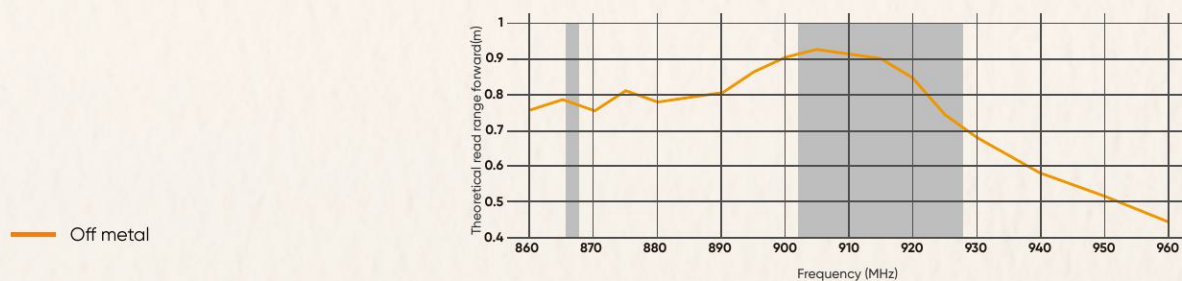
With its small footprint and adhesive backing, This versatile label is designed to adhere effortlessly to metallic assets, even on irregular and uneven surfaces. It delivers outstanding performance on metal, maintaining strong RFID signal readability despite the challenges posed by such materials. Additionally, it can be easily printed and encoded using an RFID printer, making it an excellent tool for automated tracking, Warehouse shelf management.

Reading Performance

Reading Performance On Metal



Reading Performance Off Metal



Physical Information

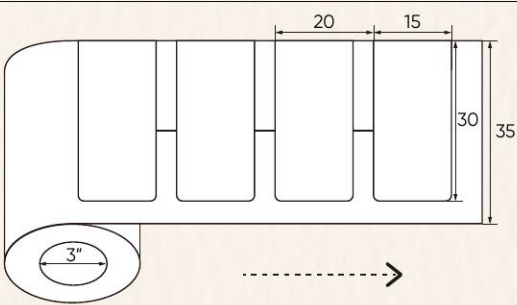
Material	PET & Aluminum Foil & Foam
Label Size(L×W×T)	30×15×1.25 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Metal
Support Printer	SATO CL4NX, Zebra ZT410 Silverline, Postek TX3r, etc.
Customization	Printing LOGO, Barcode, 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	860~960Mhz
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(2W)	FCC: 0.9 m on metal, 0.9 m off metal ETSI: 0.8 m on metal, 0.8 m off metal
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	800 pcs/roll, weight per roll 0.85 kg
	Packing Weight	8 rolls/carton, G.W.: 3.4 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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