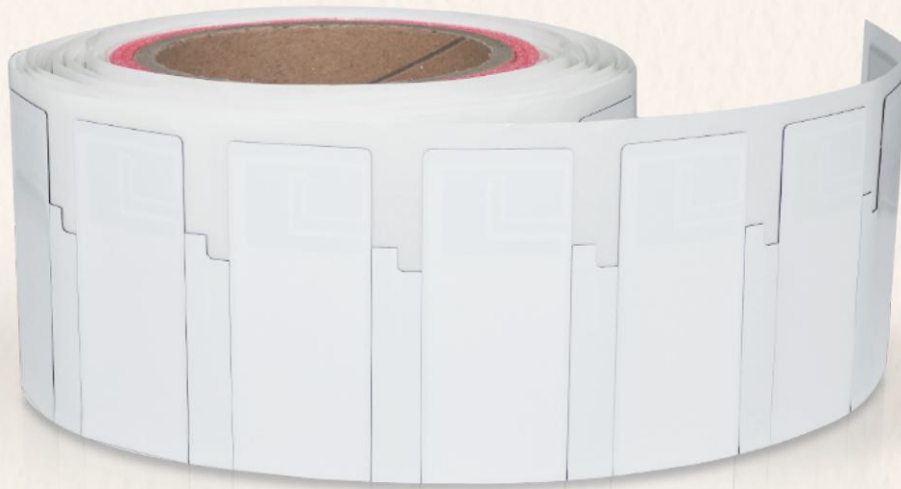




Impinj® M830 Printable On-Metal RFID Label

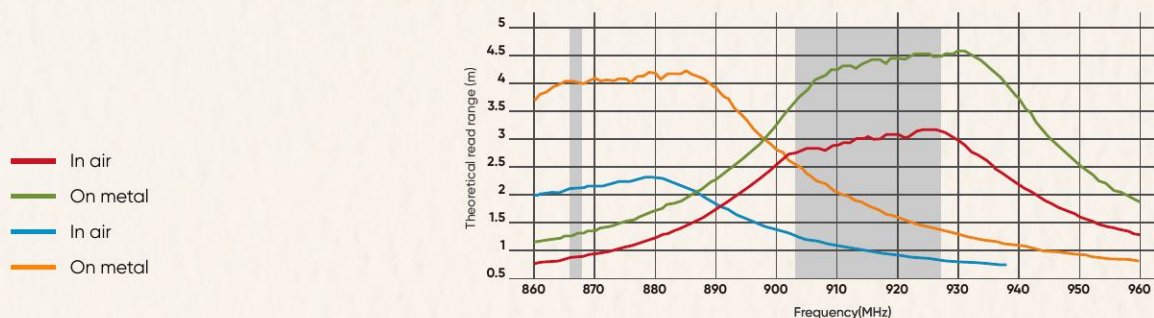
SKU:	RS-M830-OMPET-7030
Chip Type:	Impinj® M830
Frequency:	UHF 865-868 MHz(EU), 902-928 MHz(US)
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63 EPCglobal Gen2v2
Industry:	IT, Manufacturing, Industrial Operations, Warehousing, Logistics, Construction, Healthcare Laboratories
Applications:	Metal Asset Tracking, Equipment Identification, Inventory Audits, Asset Check-In and Check-Out, Calibration Tracking, Warehouse Asset Control

The Impinj® M830 Printable On-Metal RFID Label is an ultra-thin, flexible RFID label designed for reliable performance on metal assets. With a slim thickness of only 0.4 mm, it can be easily applied to flat, curved, or irregular metal surfaces without adding bulk.

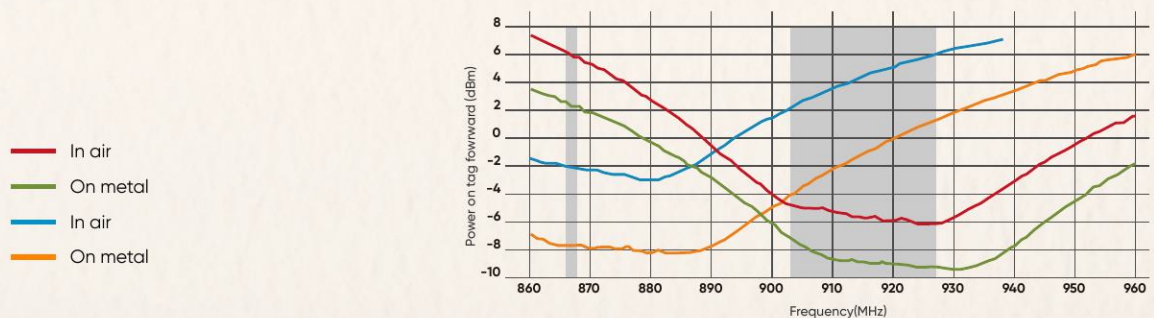
Its structural design helps reduce interference and supports stable UHF RFID reading, while the printable surface allows for customized logos, barcodes, QR codes, serial numbers, encoding, and labeling. This makes it an ideal solution for metal containers, fixed asset management, IT asset tracking, warehouse operations, and other applications that require a thin, printable, and metal-compatible RFID label.

Reading performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

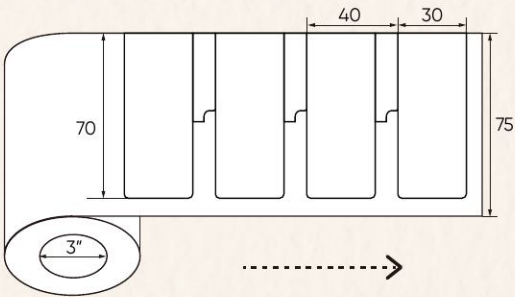
Material	PET & Aluminum Foil & Foam
Size	70×30×0.4 mm (L×W×T)
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Supported Printers	Sato CL4NX, Zebra ZT410 Silverline, Bosted TX3r, etc.
Customization Options	Print logo, barcode/QR code, serial number, encoding, design, etc.
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), 902-928 MHz(US)
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory	Impinj® M830
User Memory	128 bits
Security Features	Reversible kill mode with PIN protection

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max. 8.7inch/220 mm
	Core ID	3 inch/76.2 ± 0.50mm
	Packing Quantity	500 Pcs/roll, per roll 0.5 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.
 ● **Product Updates and Revisions:** 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.
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