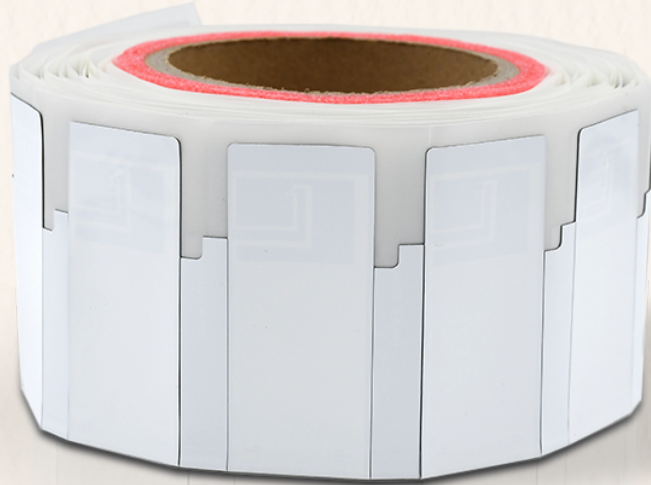




Impinj® M830 Printable On-Metal RFID Label

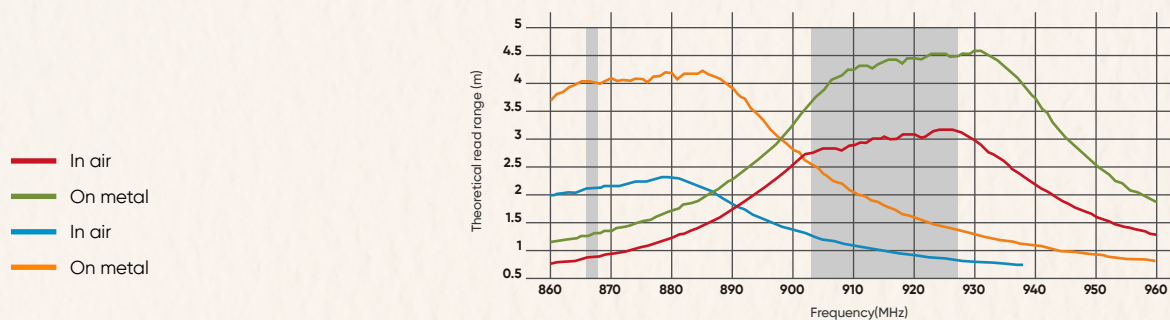
SKU:	RS-M830-OMPET-7030
Chip Type:	Impinj® M830
Frequency:	UHF 902-928 MHz (FCC)
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63 EPCglobal Gen2v2
Industry:	Retail, Apparel and Fashion, Industrial Applications, Logistics, Automotive, Aviation
Applications:	Asset Tracking, Electronics, Gaming and Toys, Inventory, Metal and Liquids, Warehouse

The M830 on-metal RFID label is engineered for high performance, offering improved readability that ensures long read ranges and efficient inventory management in densely tagged environments.

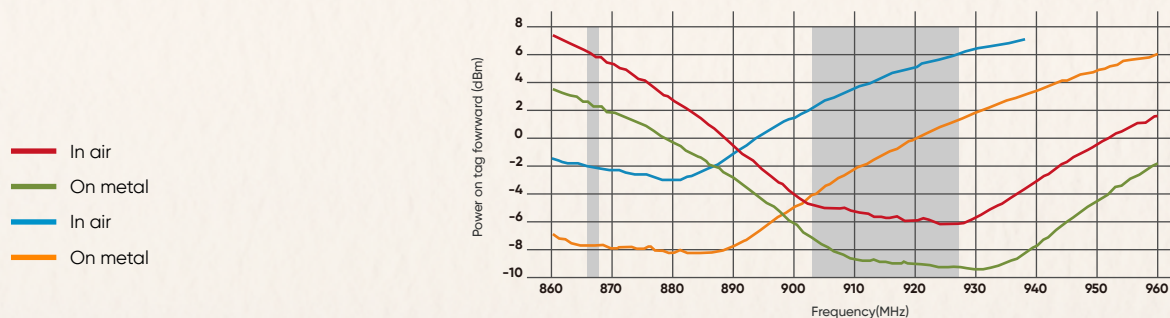
Its enhanced performance is especially beneficial for high-volume deployments in sectors such as retail, fashion, baggage tracking, and smart logistics, where fast and accurate inventory management is critical.

Reading Performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

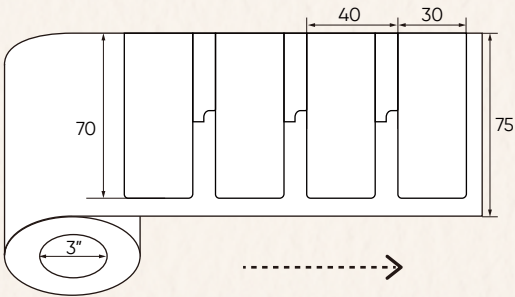
Material	PET & Aluminum Foil & Foam
Size	70×30×0.4 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Metal
IP Rating	IP68
Supported Printers	SATO CL4NX, Zebra ZT411 RFID Silverline and On-Metal, TSC Printronix T6000e, 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	UHF 902~928 MHz (FCC)
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. 220 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	500 pcs/roll

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:** RFIDSolution.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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