



Impinj® M830 UHF RFID Label

SKU:	RS-M830-CP-7320
Chip Type:	Impinj® M830
Frequency:	UHF 860-960 MHz
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Retail, Logistics, Apparel and Fashion
Applications:	Asset Tracking, Warehouse

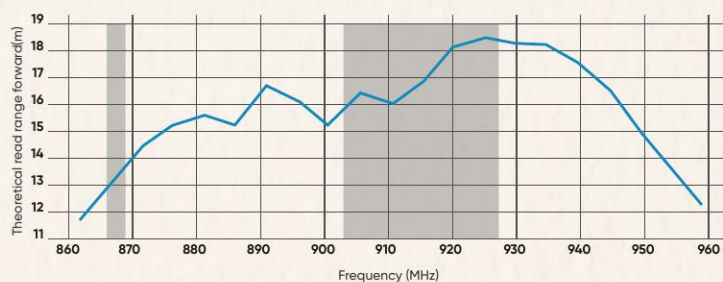


The Impinj® M830 UHF RFID Label is a high-performance and highly versatile solution designed to meet the demands of a wide range of industrial and commercial applications. Powered by the advanced Impinj® M830 chip, it supports high-speed inventory counting, effective loss prevention, frictionless self-checkout, and seamless product returns—helping businesses enhance operational efficiency.

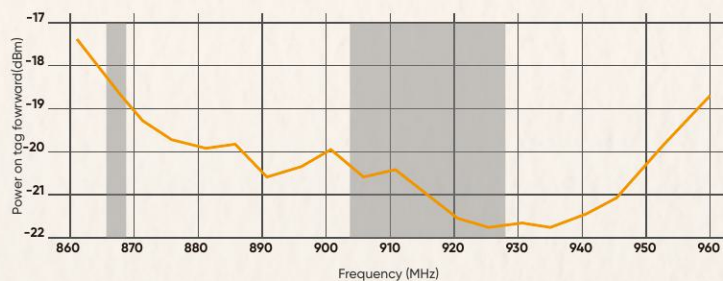
With configurable EPC encoding and built-in cryptographic authentication capabilities, this RFID label delivers exceptional adaptability and robust security. Its combination of performance, reliability, and data protection makes it an ideal choice for diverse applications.

Reading Performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

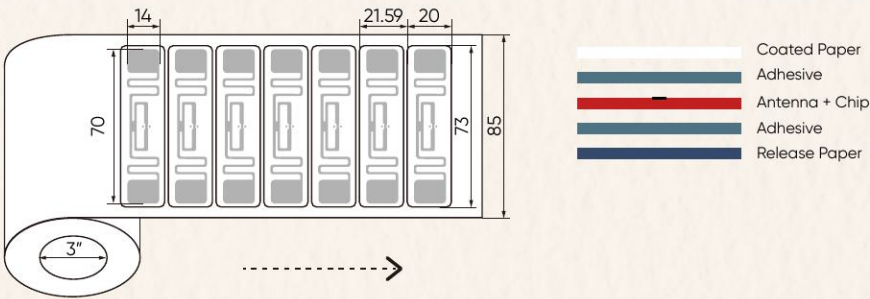
Material	Coated Paper
Label Size	73×20 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

Technical Information

Operating Frequency	860~960 MHz
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen 2v2
Chip Type	Impinj® M830
EPC Memory	128 bits
TID Memory	96 bits
Security Features	32 bit Access/Kill Password

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag
	Roll OD	Max. 170 mm
	Core ID	3 inch/76.2 ± 0.50 mm
	Packing Quantity	1500 Pcs/roll, per roll 1.25 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. ● **Legal Notice:** Information is believed accurate but may change. rfidbridge.com is not liable for use-related issues or outcomes.