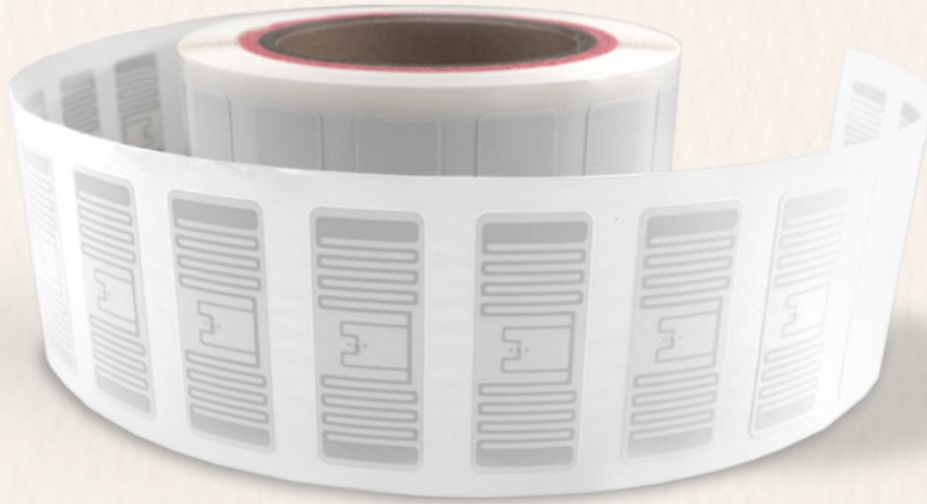




Impinj® M830 UHF RFID Label

SKU:	RS-M830-CP-4518
Chip Type:	Impinj® M830
Frequency Band:	UHF 860-960 MHz
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63 EPC Global Class 1 Gen 2v2
Industry:	Retail, Healthcare, Industrial Applications, Logistics
Applications:	Asset Tracking, Inventory, Library, Warehouse



The Impinj® M830 UHF RFID Label operates in the 860-960 MHz frequency band and supports the EPC Global Class 1 Gen 2v2 and ISO/IEC 18000-63 protocols. It features 128-bit EPC memory and comes with a coated paper material for durability.

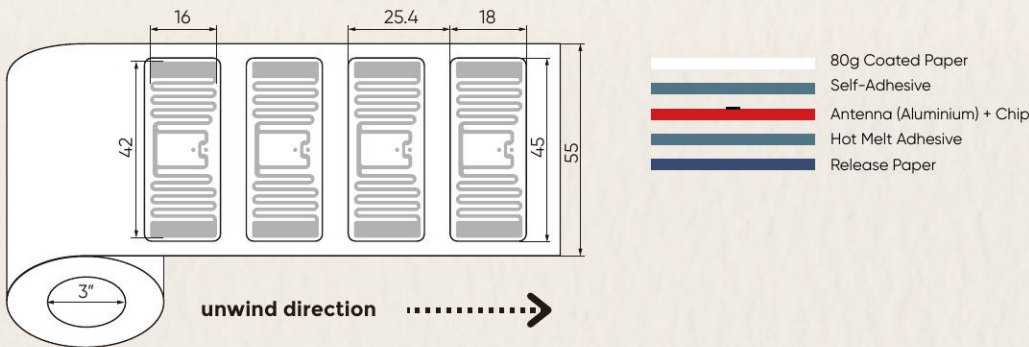
Measuring 45 × 18 mm with a 42 × 16 mm antenna, this label is designed for easy stick-on mounting on surfaces like paper cartons, plastic, and wood, making it ideal for versatile asset tracking applications.

Physical Information	Material	Coated paper
	Label Size	45 × 18 mm
	Antenna Size	42 × 16 mm
	Operating Environment	-40°C~+70°C, 20%~90% 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	UHF 860-960 MHz
	Protocol	ISO/IEC 18000-63, EPC Global Class 1 Gen 2v2
	Chip Type	Impinj® M830
	EPC Memory	128 bits
	Security Features	32-bit Kill/Access password (shared)

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 165 mm
	Core ID	3 inch (76.2 ± 0.50 mm)
	Packing Quantity	2500 Pcs/roll, per roll 0.90 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](https://www.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](https://www.rfidbridge.com) not liable for use-related issues or outcomes.