



Impinj® M830 RFID Heat-Press Ribbon Label



SKU:	RS-M830-GLRBHP-4419
Chip Type:	Impinj® M830
Frequency:	UHF 860-960 MHz
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
EPC Memory:	128 bits
User Memory:	0 bits
Industry:	Retail, Logistics, Apparel and Fashion, Textile
Applications:	Asset Tracking, Inventory, Brand Protection, Apparel Tagging



The Heat Transfer Label is equipped with the Impinj® M830 chip, offering reliable and high-speed RFID performance. Made from premium ribbon, the label provides a smooth, flexible, and durable surface, ideal for seamless integration into apparel and other textile products. Measuring 44×19 mm, its compact design ensures minimal impact on garment aesthetics and comfort.

Compliant with ISO/IEC 18000-63, EPCglobal Gen2v2 standards, this label enables efficient inventory tracking, product authentication, and brand protection. Combining advanced RFID technology with elegant design, the Heat Transfer Label delivers a practical and stylish solution for modern fashion, retail, and textile applications.

Physical Information	Material	Ribbon
	Label Size	44×19 mm
	Antenna Size	42×16 mm
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Surface	Paper Carton, Plastic, Wood
	Mounting Method	Heat transfer at 218°C for 15 seconds with 0.4~0.6 MPa pressure. Optimal results occur at 218°C for 15~20 seconds. Below 210°C or under 0.6 MPa, performance may suffer.
	Handling Precautions	Labels with black-dot marks are bad ones, do not use.

Label Dimensions
(Unit: mm)

Mounting Method

Heat transfer at 218°C for 15 seconds with 0.4–0.6 MPa pressure.