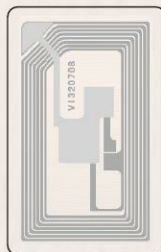




NXP® ICODE® ILT-M RFID Label



SKU:	RS-ILTM-PP-4227
Chip Type:	NXP® ICODE® ILT-M
Frequency:	HF 13.56 MHz
EPC Memory:	240 bits
User Memory:	512 bits
Protocol:	ISO/IEC 18000-3M3, EPC Class-1 HF
Read Range:	Up to 1.5 m
Industry:	Retail, Catering, Events
Applications:	Asset Tracking, Inventory, Document Management, Brand Protection, Social Engagement, Product Authentication



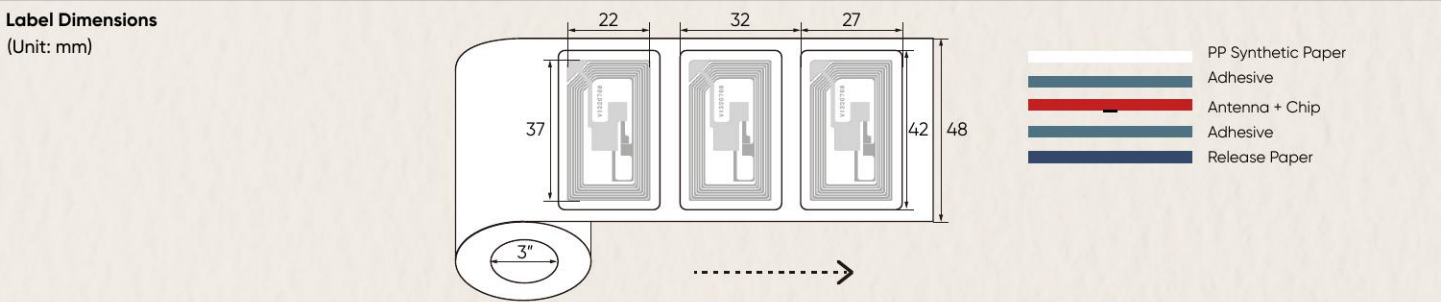
The 42×27 mm NXP® ICODE® ILT-M RFID Label is a compact, high-performance RFID solution designed for fast and reliable item-level identification. Based on the ICODE® ILT-M chip, this label complies with ISO/IEC 18000-3 Mode 3 standards, supporting high-speed data transmission and long read ranges in near-field applications. It is ideal for applications requiring secure, high-speed scanning such as logistics, inventory control, and access management.

With its small footprint and adhesive backing, this HF RFID label can be easily applied to a wide range of surfaces including packaging, documents, and equipment. It enables quick data access with any compatible RFID reader, making it an excellent tool for automated tracking, authentication, and consumer engagement across industries.

Physical Information	Material	PP (Polypropylene)
	Label Size	42×27 mm
	Antenna Size	37×22 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	13.56 Mhz
	Communication Protocol	ISO/IEC 18000-3M3, EPC Class-1 HF
	Read Range	Up to 1.5 m
	Chip Type	NXP® ICODE® ILT-M
	EPC Memory	240 bits
	User Memory	512 bits
	TID Memory	96 bits
	Operation Rates	Up to 800 tags/s
	EAS Functionality	Support
	Anti-Collision	Support
	Security Features	32 bits Kill/Access password

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 152 mm
	Core ID	3 inch/76.2 ± 0.50 mm
	Packing Quantity	1000/roll, per roll 0.997 kg



● **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.
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