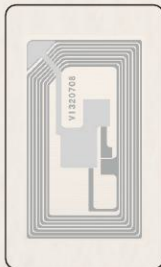




NXP® ICODE® ILT-M RFID Wet Inlay



SKU:	RS-ILTM-PETWI-5030
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



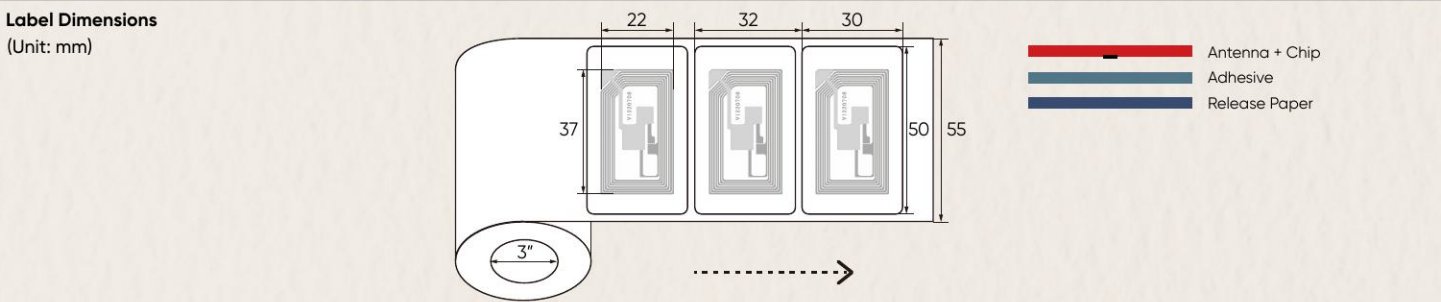
The 50×30 mm NXP® ICODE® ILT-M RFID Wet Inlay is a high-speed, high-frequency inlay designed for item-level tracking and smart identification. Powered by the ICODE® ILT-M chip, it supports ISO/IEC 18000-3 Mode 3 protocols, delivering fast data communication, extended read range, and robust performance in demanding environments.

This wet inlay comes with a pressure-sensitive adhesive backing, allowing for easy integration into labels, tickets, or packaging. It is ideal for applications such as supply chain tracking, inventory management, asset tagging, and brand protection, offering seamless compatibility with RFID-enabled devices and readers.

Physical Information	Material	PET
	Inlay Size	50×30 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. Inlays 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® 1LT-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 0.385 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 may change products, specs, or services at any time without prior notice.

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