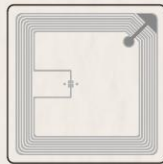




NXP® ICODE® ILT-M RFID Wet Inlay



SKU:	RS-ILTM-PETWI-5050
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



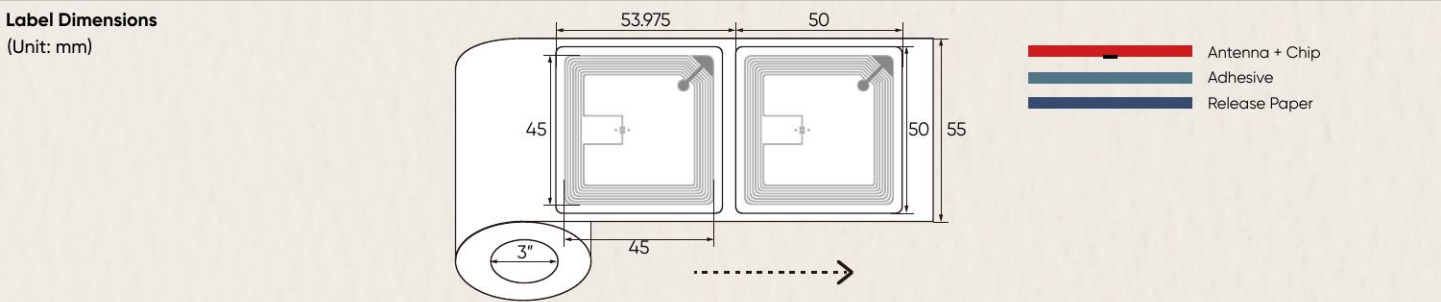
The 50×50mm NXP® ICODE® ILT-M RFID Wet Inlay is a high-performance tag designed for applications that demand fast data exchange and enhanced read range. Built on NXP's ICODE® ILT-M chip, it complies with the ISO/IEC 18000-3 Mode 3 standard, enabling efficient item-level tracking and real-time data collection in dynamic supply chain and industrial environments.

This wet inlay features a pressure-sensitive adhesive layer for easy application to a variety of surfaces, making it ideal for inventory management, retail logistics, brand protection, and asset tracking. Its large antenna size ensures strong signal reception, while its compatibility with RFID-enabled devices supports fast, reliable communication and seamless system integration.

Physical Information	Material	PET
	Inlay Size	50×50 mm
	Antenna Size	45×45 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 0.559 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.
 ● **General Use Disclaimer:** Products are for general-purpose use and not intended for safety-critical or life-support applications.
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