



NXP® UCODE® 9 UHF RFID Round Wet Inlay

SKU: RS-U9-PET-D26

Chip Type: NXP® UCODE® 9

Frequency: UHF 860-960 MHz

EPC Memory: 96 bits

Protocol: ISO/IEC 18000-63,
EPCglobal Gen2v2.1

Industry: Assets Tracking, Inventory Management
Supply Chain Management

Applications: Inventory Management, Brand Protection



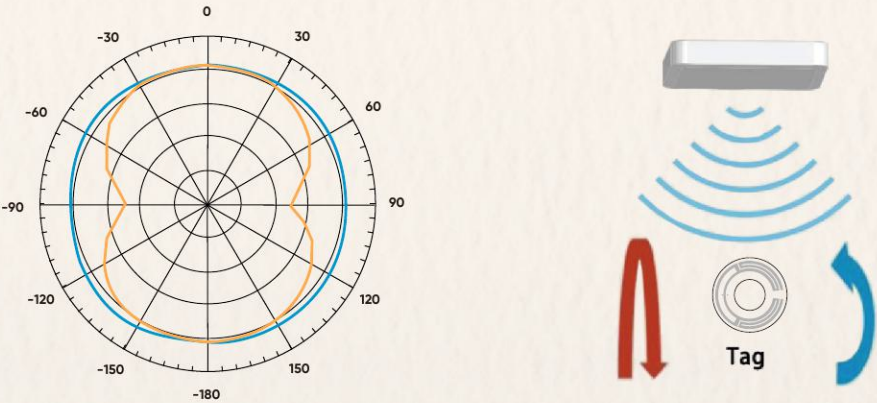
The 26 mm UHF RFID round wet inlay equipped with NXP® UCODE® 9 chip offers dry inlay and wet inlay for different occasions. The dry inlay method significantly simplifies the production process and enhances operational ease, compared to the wet inlay technique that requires adhesive application. It has unmatched performance in inventory management, supply chain management and product authentication with the superior processing efficiency and data integrity.

Complaint with the advanced NXP® UCODE® 9 chip, the UHF RFID round wet inlay offers a more impressive performance than the previous one. It provides boosting operational efficiency in inventory management to reduce manual controls and errors.

Reading Performance



Orientation sensitivity



Physical Information

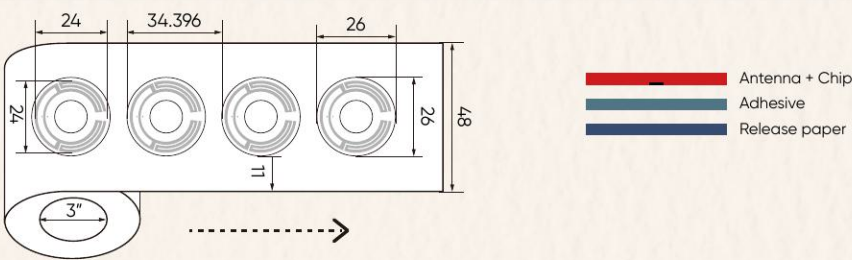
Material	PET
Inlay Size	Outer: Ø26 mm, inner: Ø11 mm
Antenna Size	Ø24 mm
Operating Environment	-40°C~+85°C,
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Inlays with black-dot marks are bad ones, do not use.

Technical Information

Operating Frequency	860~960MHz
Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Antenna Etching Mode	Aluminum etching(9µm)
Self-Check	Support
Chip Type	NXP® UCODE® 9
EPC Memory	96 bits
Common Criteria Certification	WEEE compliant

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max. 203.2 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, per roll 0.24 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.
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