



NXP® UCODE® 9 UHF RFID Round Wet Inlay



SKU:	RS-U9-PET-D39
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Industry:	Retail, Logistics
Applications:	Inventory Management, Supply Chain Management

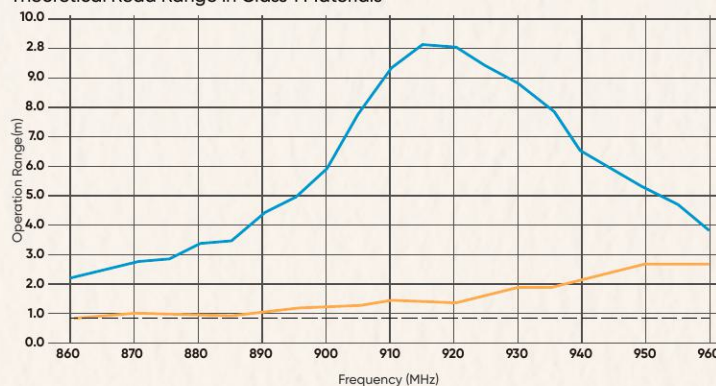


The 39 mm UHF RFID round wet inlay, featuring the NXP® UCODE® 9 chip, is available in both dry and wet formats to suit various applications. The dry inlay method dramatically simplifies the production process and boosts operational ease, in contrast to the wet inlay technique, which requires the use of adhesive. This solution is effective in managing massive data and product identification.

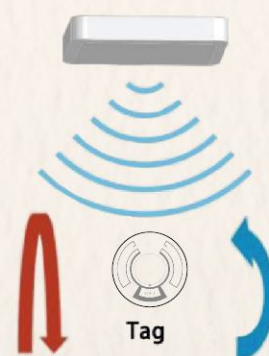
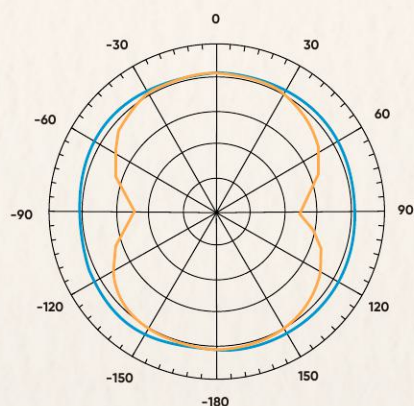
The advanced NXP® UCODE® 9 chip ensures rapid data collections and management, which is time-saving and convenient for customer high-standard experience. This cutting-edge technology not only streamlines operations but also provides a robust foundation for advanced analytics and real-time tracking, further elevating operational excellence and customer satisfaction.

Reading Performance

Theoretical Read Range in Class 1 Materials



Orientation sensitivity



Physical Information

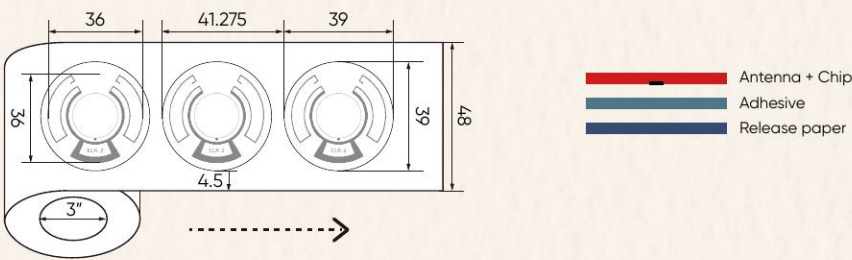
Material	PET
Inlay Size	Outer: Ø39 mm, inner: Ø17 mm
Antenna Size	Ø36 mm
Operating Environment	-40°C~+85°C
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Inlays with black-dot 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 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, per roll 0.37 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.
 ● **Product Updates and Revisions:** rfidbridge.com may change products, specs, or services at any time without prior notice.
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