



NXP® UCODE® 9 UHF RFID Label



SKU:	RS-U9-PP-3535
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Industry:	Inventory Management, Supply Chain Management
Applications:	Loss Prevention, Brand Protection, Returns and Warranty Management

The 35×35 mm UHF RFID Label made of PP Synthetic Paper which is advantaged in toughness and chemical resistance. The advanced NXP® UCODE® 9 chip features short-time encoding and data accuracy in retail processes while optimizing environmental sustainability. It is also widely used in inventory management for rapidly counting and retailing logistics.

With the advantage of small scale and weight, this label can lower the production cost and easy for carrying. Compliant with the ISO/IEC 18000-63 and EPCglobal Gen2v2.1 standard, this label reaches the customer demands of wide-range read and data protection, which improving the usage experience.

Physical Information	Material	PP Synthetic Paper
	Label Size	35×35 mm
	Antenna Size	22×12.5 mm
	Operating Environment	-40°C~+70°C, 20%~90% RH
	Storage Environment	-25°C~+90°C, 20%~90% 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	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, vacuumed 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 0.47 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.
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