



NXP® UCODE® 9 UHF RFID Flag Label

SKU:	RS-U9-CPOL-5530
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Laboratory, Healthcare
Applications:	Asset Tracking, Inventory



This UHF RFID flag label, integrated with the NXP® UCODE® 9 chip, is engineered for high-performance medical device management. It features a high-quality coated paper surface, aluminum antenna, double-sided adhesive, and 80g release liner, ensuring strong durability and stable performance. The self-adhesive design and flag-style structure allow the antenna to extend away from the surface, minimizing interference and enhancing read range.

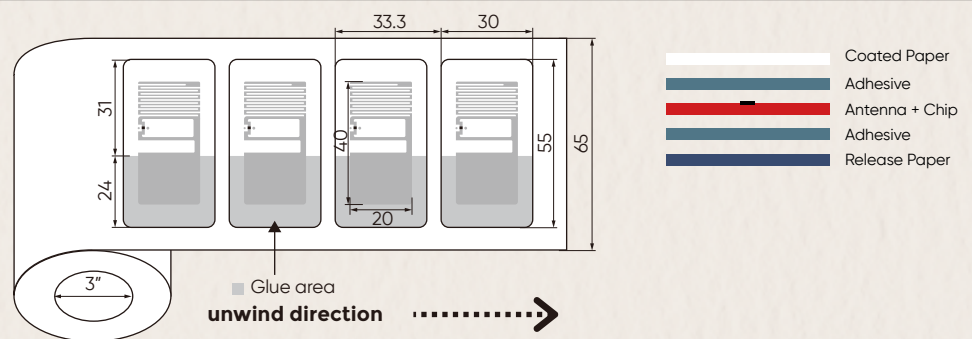
With outstanding reading distance and data reliability, this label is ideal for inventory control and asset tracking within the medical field. It supports fast, accurate data capture, helping healthcare and medical facilities streamline device identification, improve traceability, and maintain efficient operational workflows.

Physical Information	Material	Coated Paper
	Label Size	55×30 mm
	Inlay Size	40×20 mm
	Compliance	WEEE Directive
	Operating Environment	Label attach: +10°C~+40°C, 20%~80% RH After label attached: -20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper carton, Plastic, Wood, Metal, Liquid
	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	860~960 MHz
	Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2
	Chip Type	NXP® UCODE® 9
	EPC Memory	96 bits
	Security Features	Self-adjust Memory safeguard 32 bit kill password to permanently disable the tag Kill command Permalock

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 167 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	2000 Pcs/roll

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:** RFIDSolution.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. ● **Legal Notice:** Information is believed accurate but may change. RFIDSolution.com is not liable for use-related issues or outcomes.



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