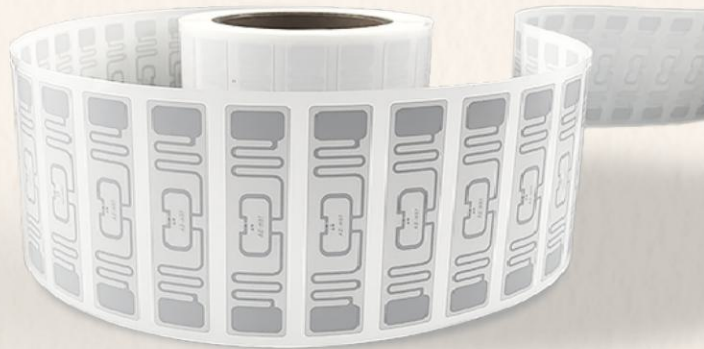




NXP® UCODE® 9 ARC Certified Coated paper RFID UHF Label

SKU:	RS-H97-CP-1773
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Read Range:	Up to 22m (ETSI standard) Up to 21m (FCC standard)
Industry:	Retail, Apparel and Fashion, Jewelry, Logistics
Applications:	Asset Tracking, Electronics, Jeweleries & Sunglasses, Gaming and Toys, Inventory, Warehouse

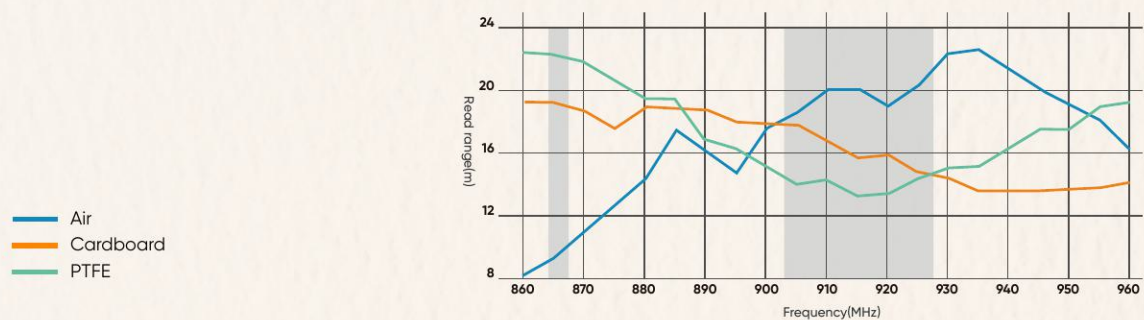


This ARC-certified RFID label is ideal for use in clothing retail, supply chain management, and brand protection. It enables accurate item-level tracking, improves operational efficiency, and helps prevent counterfeiting across the apparel industry and beyond.

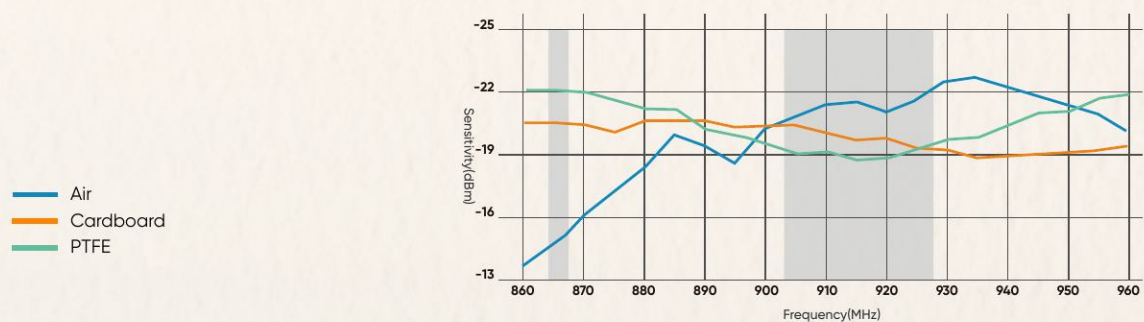
The label fully complies with ISO/IEC 18000-63 and EPCglobal Gen2v2.1 communication standards. Its inlay has successfully passed all required ARC certification tests, ensuring outstanding performance and compatibility with major retail RFID programs, including Walmart's.

Reading performance

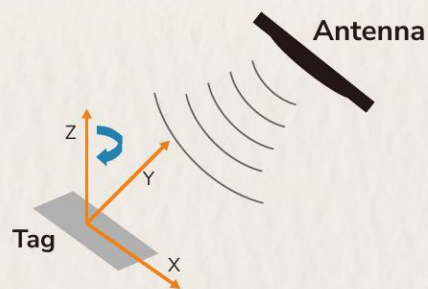
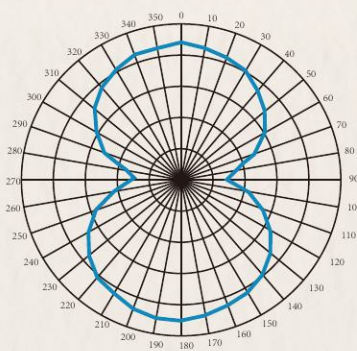
Reading range under different frequency



Tag power under different frequency



Orientation Sensitivity



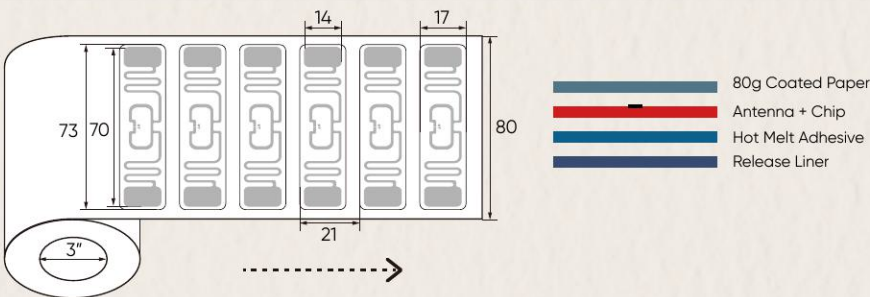
Inlay is rotated in the x,y axis, fixed in z axis
(Tag shown at 0° with respect to face of antenna)

Physical Information	Material	Coated Paper
	Size	73×17 mm
	Operating Environment	-20°C~+50°C, 20%~80% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Paper Carton, Plastic, Wood
	Surface	Stick
	ARC Specs	F, I, L, O, Q, R, W5, W6, Y2
	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	UHF 860-960 MHz
	Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen2v2.1
	Read Range	Up to 22m (ETSI standard) Up to 21m (FCC standard)
	Chip Type	NXP® UCODE® 9
	EPC Memory	96 bits
	Security Features	32 bits kill password

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag.
	Roll OD	Max. 230 mm
	Core ID	3 inch/76.2 ± 0.50mm
	Packing Quantity	6000 Pcs/roll, per roll 6 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](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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