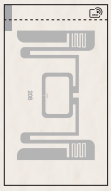


NXP® UCODE® 9
Smart Textile UHF RFID Tag

SKU:	RS-U9-NL-7040
Chip Type:	NXP® UCODE® 9
Frequency:	UHF 860-960 MHz
EPC Memory:	96 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2.1
Industry:	Apparel Supply Chain, Precise Tracking, Inventory Management, Supply Chain Management
Applications:	Dotted Lines for Precise Sewing, Inventory Management, Self-Checkout Processes



The 70×40 mm smart textile UHF RFID Tag equipped with an advanced NXP® UCODE® 9 chip which features high-performance tracking and durability. With the assistance of pre-printed generic RFID logo, the tag shows efficient tracking and processing speed in inventory management, easy identification and dotted lines for precise sewing. Additionally, it can track every stage while tagging garments with RFID labels and keep improving the usage maintenance of garments during the processing.

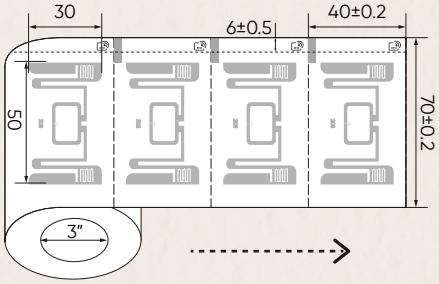
Loaded with the advanced NXP® UCODE® 9 chip, the tag offers a more impressing performance than the previous one. It offers stitch-to-shelf tracking in the production process and IoT adoption with boosting high efficiency and protection of data integrity.

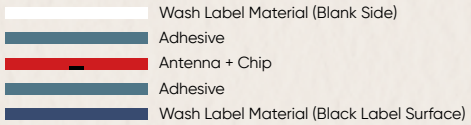
Physical Information	Material	Nylon
	Label Size	70×40 mm
	Antenna Size	50×30 mm
	Operating Environment	-40℃~+70℃, 20%~90% RH
	Storage Environment	+18℃~+28℃, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper Carton, Plastic, Wood
	Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. 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 0.56 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:** 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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