

Smart Textile NXP® UCODE® 8 Nylon UHF RFID Tag

SKU:	RS-U8-NL-8035
Chip Type:	NXP® UCODE® 8
Frequency:	UHF 860-960 MHz
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000-63, EPCglobal Gen2v2
Industry:	Retail, Apparel and Fashion, Industrial Applications, Logistics
Applications:	Asset Tracking, Inventory, Warehouse



Enhance inventory management with our smart textile RFID tags, specifically engineered for the fashion and apparel industry. Measuring 80×35 mm, these tags are equipped with the advanced NXP® UCODE® 8 chip, ensuring reliable tracking and exceptional durability. Compliant with ISO/IEC 18000-63 standards, they deliver high performance, making them an ideal choice for efficient stock control in dynamic retail environments.

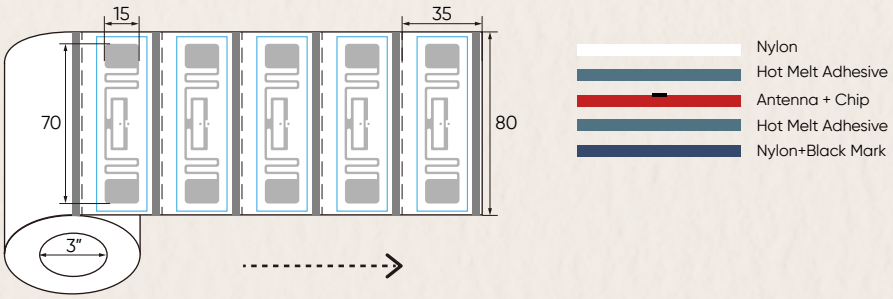
Designed with practicality in mind, each tag features a black mark and dashed cutting line for easy identification, simplifying both inventory management and self-checkout processes. With these RFID tags, businesses can optimize operational workflows, improve stock accuracy, and enhance the overall customer experience.

Physical Information	Material	Nylon
	Tag Size	80×35 mm
	Antenna Size	70×15 mm
	Operating Environment	-20℃~+50℃, 20%~80% RH
	Storage Environment	+18℃~+28℃, 40%~60% RH
	Mounting Method	Adhere or Sew to the Object
	Surface	Fabric
	Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Tags with black-dot marks are bad ones, do not use.

Technical Information	Operating Frequency	860-960 MHz
	Communication Protocol	ISO/IEC 18000-63, EPCglobal Gen 2v2
	Chip Type	NXP® UCODE® 8
	EPC Memory	128 bits
	TID Memory	96 bits
	Security Features	32-bit Access/Kill Password

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 170 mm
	Core ID	3 inch/76.2 ± 0.50 mm
	Packing Quantity	1500 Pcs/roll, per roll 1.25 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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