



SKU:	RS-U8-PETOL-7320
Chip Type:	NXP® UCODE® 8
Frequency Band:	UHF 860–960 MHz
EPC Memory:	128 bits
Protocol:	ISO/IEC 18000–63 EPC Global Class 1 Gen 2v2
Industry:	Healthcare, Aviation, Logistics, Retail
Applications:	Baggage Tagging, Brand Protection, Inventory Management, Supply Chain Management, Asset tracking



NXP® UCODE® 8 UHF RFID On-Liquid Label

This compact RFID label is powered by the high-performance NXP® UCODE® 8 chip, compliant with EPC Global Class 1 Gen 2v2 and ISO/IEC 18000–63 standards, and operates in the 860–960 MHz UHF frequency range. With 128-bit EPC memory, it delivers fast, accurate reads even in challenging liquid environments.

Constructed with durable PET material and sized at 73 × 20 mm, the label includes perforation lines for easy handling and application. Ideal for supply chain, asset tracking, and logistics where moisture resistance is critical.

Physical Information	Material	PET
	Label Size	73 × 20 mm
	Antenna Size	70 × 10 mm
	Operating Environment	-40°C~+70°C, 20%~90% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper carton, plastic, wood, 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	UHF 860-960 MHz
	Protocol	ISO/IEC 18000-63, EPC Global Class 1 Gen 2v2
	Chip Type	NXP® UCODE® 8
	EPC Memory	128 bits
	Security Features	32-bit kill password to permanently disable the tag 32-bit access password

Packaging Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 181 mm
	Core ID	3 inch (76.20 ± 0.50 mm)
	Packing Quantity	2500 Pcs/roll, per roll 1.17 kg

