



Alien Higgs® 4 UHF RFID Label



SKU:	RS-H4-PP-7424
Chip Type:	Alien® Higgs® 4
Frequency:	UHF 860-960MHz
EPC Memory:	128 bits
User Memory:	128 bits
Read Range:	Up to 11 m
Protocol:	ISO/IEC 18000-63 EPC Class 1 Gen 2
Industry:	Retail, Logistics, Inventory Management
Applications:	Retail Item Level Tagging, Supply Chain Management, Vehicle Tracking, Product Authentication, Asset Inventory and Tracking, Baggage Handling and Tracking



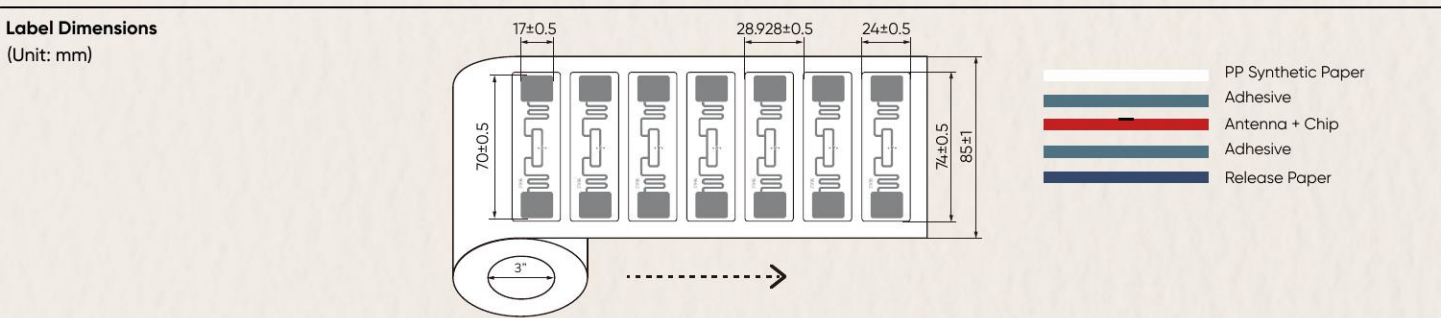
The 74x24 mm UHF RFID label, powered by the Alien® Higgs® 4 chip, delivers exceptional write performance, making it highly suitable for large-scale inventory management and mass-market adoption. It can simultaneously handle massive volumes of tags and data, lower costs and reducing manual effort. The label also ensures robust data security and rapid data transfer, streamlining operations with efficiency.

In addition, it supports EPC Class 1 Gen 2 and ISO/IEC 18000-63 standards, guaranteeing broad compatibility across existing RFID infrastructures. With read sensitivity up to -19 dBm and proven write speeds of 3,600 tags per minute, it drastically accelerates programming at scale. Advanced security features and an anti-cloning design further enhance reliability, making it an ideal solution for high-value asset tracking, access control, and other applications that demand both speed and protection.

Physical Information	Material	PP Synthetic Paper
	Label Size	74×24 mm
	Antenna Size	70×17 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
	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
	Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
	Read Range	Up to 11 m
	Chip Type	Alien® Higgs® 4
	User Memory	128 bits
	EPC Memory	128 bits
	Common Criteria Certification	WEEE compliant

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag
	Roll OD	Max. 185 mm
	Core ID	3 inch(76.20 ± 0.50 mm)
	Packing Quantity	1000 Pcs/roll, or as per request
	Packing Weight	0.77 kg/roll



● **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.
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