



Alien® Higgs® 4 UHF RFID Label



SKU: RS-H4-PET-4B6

Chip Type: Alien® Higgs® 4

Frequency: UHF 860-960 MHz

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,
Assets Tracking

Applications: Retail Item Level Tagging,
Supply Chain Management,
Vehicle Tracking, Product Authentication,
Asset Inventory and Tracking,
Baggage Handling and Tracking



The 152.4×101.6 mm UHF RFID label compliant with the Alien® Higgs®4 chip, offers high-performance data security and read efficiency without costing much power. Matched with the EPC Class 1 Gen 2 and ISO/IEC 18000-63 standards, the label also works with the anti-counterfeiting and anti-cloning technology for assets tracking and inventory management and other highly confidential business information.

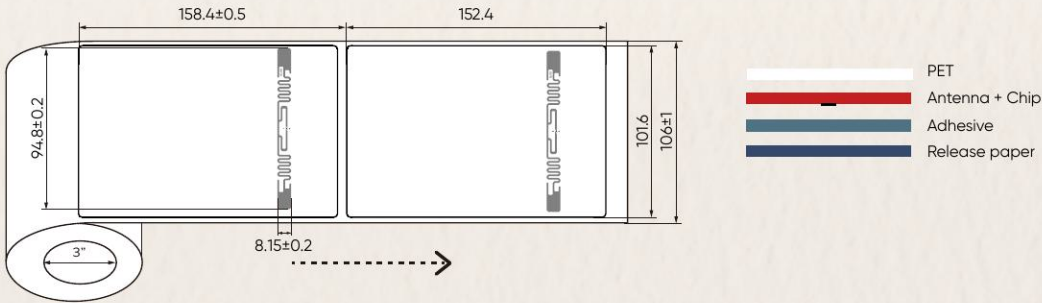
With a read sensitivity of up to -19 dBm and enhanced write efficiency, it supports rapid encoding of thousands of tags accurately, reducing time and operational costs. Its large size provides excellent readability in challenging RF environments, while the integrated serialization scheme ensures unique, tamper-proof identification. This makes the label a reliable solution for large-scale logistics, warehouse management, and safeguarding high-value assets.

Physical Information	Material	PET
	Label Size	101.6×152.4 mm(4×6 inch)
	Antenna Size	94.8×8.15 mm
	Operating Environment	-40°C~+70°C, 20%~90% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	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, vacuummed packing in ESD bag
	Roll OD	Max. 203 mm
	Core ID	3 inch(76.20 ± 0.50 mm)
	Packing Quantity	1000 Pcs/roll, or as per request
	Packing Weight	3.3 kg/roll

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.
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