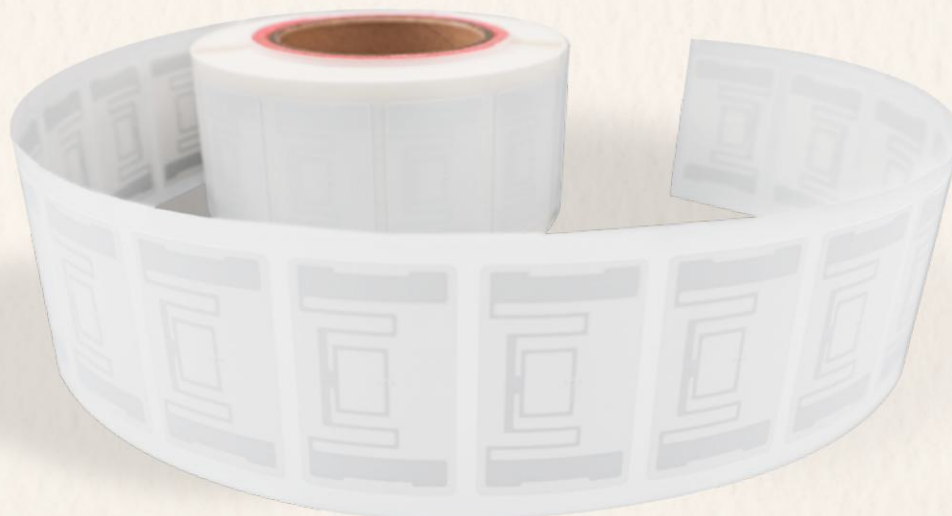




Alien® Higgs® 10 Coated Paper UHF RFID Label



SKU: RS-H10-CP-5434

Chip Type: Alien® Higgs® 10

Frequency: UHF 860-960 MHz

Read Range: Up to 13 m

EPC Memory: 128 bits

User Memory: 32 bits

Protocol: ISO/IEC 18000-63,
EPC Class 1 Gen 2

Industry: Logistics, Inventory Management,
Assets Tracking

Applications: High-Volume Retail, Supply Chain,
Vehicle Tracking, Product Authentication



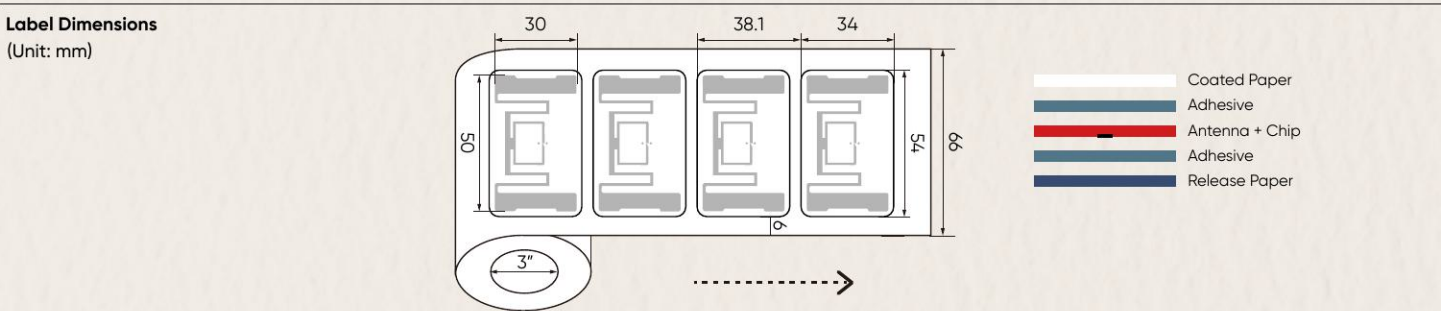
The 54×34 mm UHF RFID label compliant with the Alien® Higgs® 10 chip boost read efficiency and sensitivity with the assistance of powerful backscatter. This label together with ISO/IEC 18000-63 and EPC Class 1 Gen 2 optimizes the flexibility and reliability for tag and user memory. It has remarkable performance for applications such as high-volume retail and automotive operation.

With larger connection pads enhancing antenna reliability, the Alien® Higgs®10 label achieves improved tag yield and consistency. Its Sentinel™ memory technology corrects single-bit errors while flagging dual-bit errors, ensuring secure and stable data retention even under low power or harsh conditions. Compact yet powerful, the label enables longer read ranges, reduced cross-reads, and greater adaptability, making it a trusted choice for scalable RFID deployments across diverse industries.

Physical Information	Material	Coated Paper
	Label Size	54×34 mm
	Antenna Size	50×30 mm
	Operating Environment	Label attach: +10°C~+40°C, 20%~80% RH After label attached: -20°C~+50°C, 20%~80% 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	860~960MHz
	Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
	Read Range	Up to 13 m
	Chip Type	Alien® Higgs® 10
	EPC Memory	128 bits
	User Memory	32 bits
	Common Criteria Certification	WEEE compliant

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag.
	Roll OD	Max. 8.27 inch/210 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, per roll 0.7 kg



● **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:** rfidbridge.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.
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