



Alien® Higgs® 9 UHF RFID Label



SKU:	RS-H9-CP-9622
Chip Type:	Alien® Higgs® 9
Frequency:	UHF 860-960 MHz
Read Range:	Up to 13 m
EPC Memory:	Up to 496 bits(Nominally 96 bits)
User Memory:	Up to 688 bits
TID Memory:	48 bits
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Industry:	Retail, Logistics, Events, Catering, Aviation, Automotive
Applications:	Asset Tracking, Inventory, Document Management, Library, Warehouse

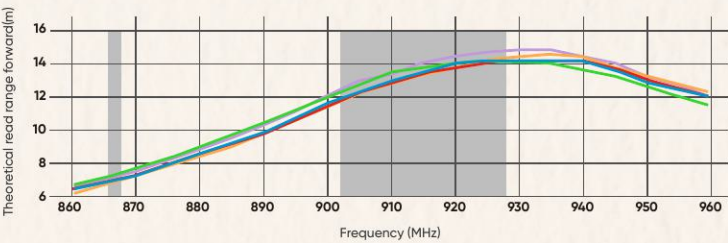


The 96×22 mm UHF RFID Label with Alien® Higgs® 9 chip delivers outstanding performance for large-scale, high-speed item identification. Offering fast reading, long read range, and strong data integrity, it ensures reliable operation in retail, logistics, apparel, and industrial environments. Fully compliant with ISO/IEC 18000-63 (EPC Class 1 Gen 2), it integrates seamlessly with global RFID infrastructures.

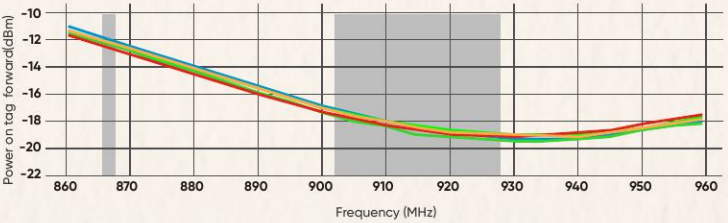
Built with advanced security features, anti-cloning protection, and flexible memory options, this label supports accurate inventory management, brand protection, and supply chain visibility. Its slim design makes it ideal for tagging products, cartons, or assets where space efficiency and performance are equally critical.

Reading Performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

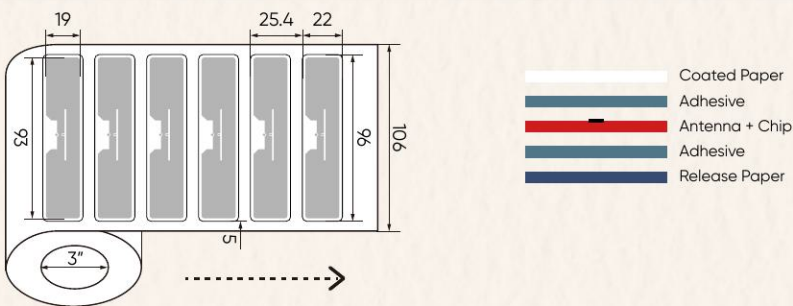
Material	Coated Paper
Label Size	96×22 mm
Antenna Size	93×19 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with 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® 9
EPC Memory	Up to 496 bits(Nominally 96 bits)
User Memory	Up to 688 bits
TID Memory	48 bits
NVM/RAM Memory NVM	1024 bits
Dynamic Authentication™ Anti-loning/ Anti-Counterfeit Technology	Support
QuickWrite™/BlastWrite™	Support
Security Features	32 bits Access and Kill Passwords

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max. 213 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	5000 pcs/roll, weight per roll 4.14 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:** 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.
 ● **Legal Notice:** Information is believed accurate but may change rfidbridge.com s not liable for use-related issues or outcomes.