



Alien® Higgs® 9 UHF RFID Label

SKU:	RS-H9-CP-7320
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

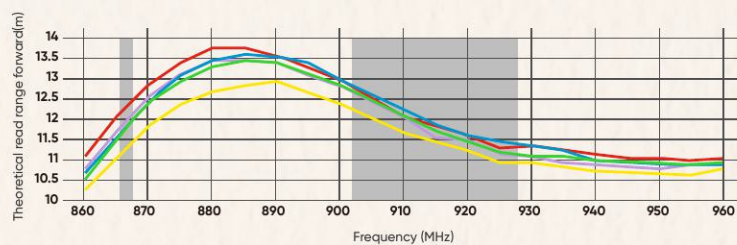


The 73×20 mm UHF RFID Label with Alien® Higgs® 9 chip delivers high sensitivity, fast read performance, and reliable long-range communication, making it ideal for high-volume item-level tagging. Fully compliant with ISO/IEC 18000-63 (EPC Class 1 Gen 2), it ensures smooth integration with global RFID systems across diverse industries.

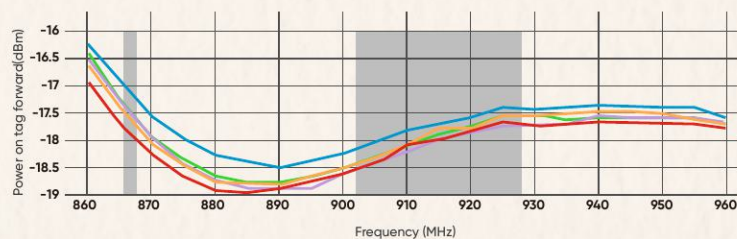
With enhanced memory options, anti-cloning protection, and excellent data integrity, this label supports accurate inventory visibility, efficient logistics, and robust brand authentication. Its compact size and versatile design make it a strong choice for retail, apparel, asset management, and supply chain tracking.

Reading Performance

Reading Range Under Different Frequency



Tag Power Under Different Frequency



Physical Information

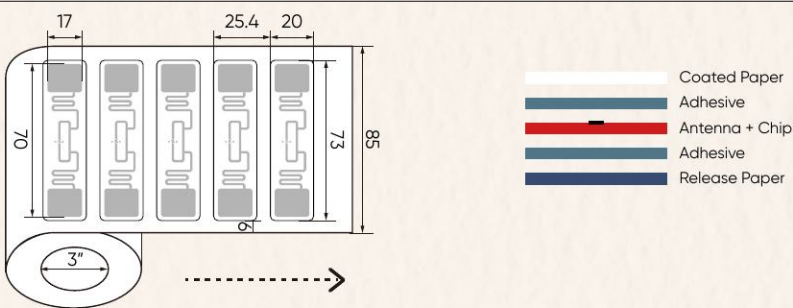
Material	Coated Paper
Label Size	73×20 mm
Antenna Size	70×17 mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with 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	1024 bits
Dynamic Authentication™ Anti-loning/ Anti-Counterfeit Technology	Support
Security Features	32 bits Access and Kill Passwords

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag.
	Roll OD	Max. 153 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	2000 pcs/roll, weight per roll 1.2 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](https://www.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](https://www.rfidbridge.com) is not liable for use-related issues or outcomes.