



Alien® Higgs® 9 UHF RFID Round Wet Inlay

SKU:	RSWI-H9-PET-D38
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
Applications:	Asset Tracking, Inventory, Warehouse



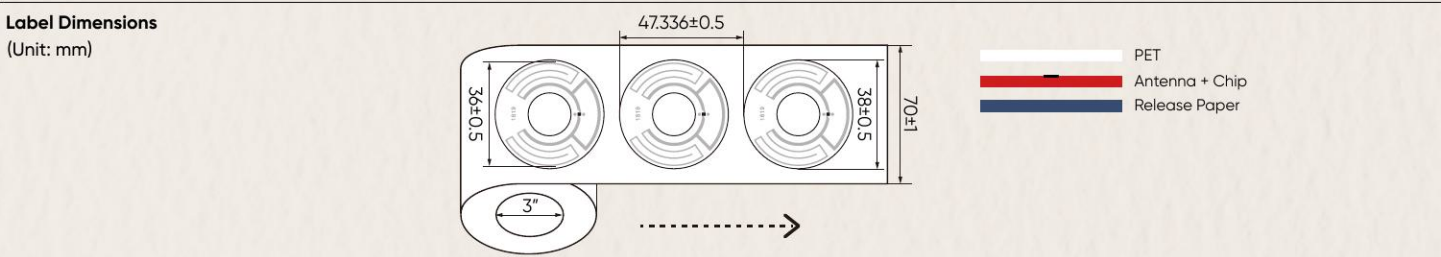
The Alien® Higgs® 9 PET RFID Round Wet Inlay (Ø38 mm) is engineered for high-performance item-level tracking, offering excellent read sensitivity, reliable long-range communication, and fast data processing. Built on the Alien® Higgs® 9 chip and compliant with ISO/IEC 18000–63 (EPC Class 1 Gen 2), it ensures seamless interoperability with global RFID infrastructures.

With its durable PET construction and round 38 mm design, this wet inlay is ideal for retail, apparel, logistics, and supply chain applications where both accuracy and efficiency are critical. Featuring advanced memory options and anti-cloning security, it delivers dependable performance for inventory management, asset tracking, and brand protection.

Physical Information	Material	PET
	Inlay Size	Ø38 mm
	Antenna Size	Ø15 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. Inlays 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-Cloning/ Anti-Counterfeit Technology	Support
	QuickWrite™/BlastWrite™	Support
	Security Features	32 bits Access and Kill Passwords

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag.
	Roll OD	Max. 185 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	2500 pcs/roll, weight per roll 1 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.

● **Legal Notice:** Information is believed accurate but may change rfidbridge.com s not liable for use-related issues or outcomes.