



Alien® Higgs® EC UHF RFID Wet Inlay

SKU: RS-HEC-PET-1512

Chip Type: Alien® Higgs® EC

Frequency: UHF 860–960 MHz

EPC Memory: 96–128 bits

User Memory: 128 bits

Read Range: Up to 13 m

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

Certificate: WEEE compliant

Industry: Retail, Logistics, Industrial Applications

Applications: Asset Tracking, Inventory, Warehouse



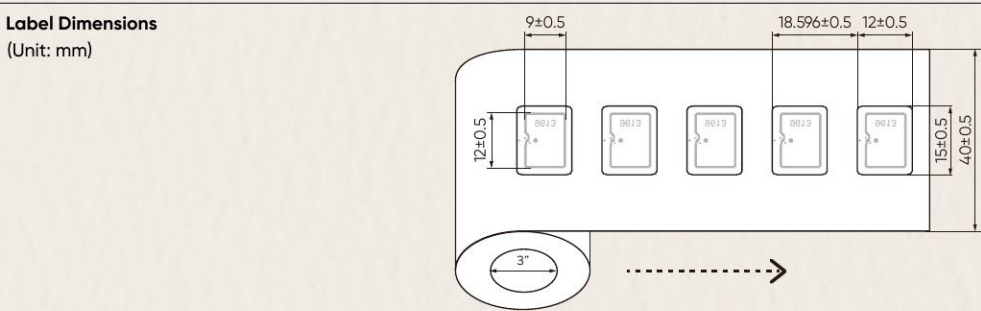
The Alien® Higgs® EC RFID wet inlay integrates the advanced Alien® Higgs® EC chip, delivering high-precision reading performance. It ensures full compliance with EPC Class 1 Gen 2 and ISO/IEC 18000–63 standards, offering reliable and accurate tag reading in a wide range of applications.

This combination of advanced technology and industry-standard compliance guarantees stable tag reading capability across diverse environments. It allows for efficient tracking and management, making it ideal for various operational needs.

Physical Information	Material	PET
	Inlay Size	15×12 mm
	Antenna Size	12×9 mm
	Operating Environment	-40°C~+70°C, 20%~90% RH
	Storage Environment	+18°C~+28°C, 40%~60% RH
	Mounting Method	Stick
	Surface	Paper Carton, Plastic, Wood
	Certificate	WEEE compliant
	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	860~960 MHz
	Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
	Read Range	Up to 13 m
	Chip Type	Alien® Higgs® EC
	EPC Memory	96~128 bits
	User Memory	128 bits
	Security Features	32-bit Access/Kill Password

Packing Information	Packing Format	Packed in roll, vacuummed packing in ESD bag
	Roll OD	Max. 185 mm
	Core ID	3 inch(76.20 ± 0.50 mm)
	Packing Quantity	5000 Pcs/roll, or as per request
	Packing Weight	0.69 kg/roll



● **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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