



## Alien Higgs® EC RFID Temper Evident Label

**SKU:** RS-HEC-PET-7424T

**Chip Type:** Alien Higgs® EC

**Frequency:** UHF 860–960 MHz

**User Memory:** 128 bits

**TID Memory:** 48 bits

**Read Range:** Up to 13m



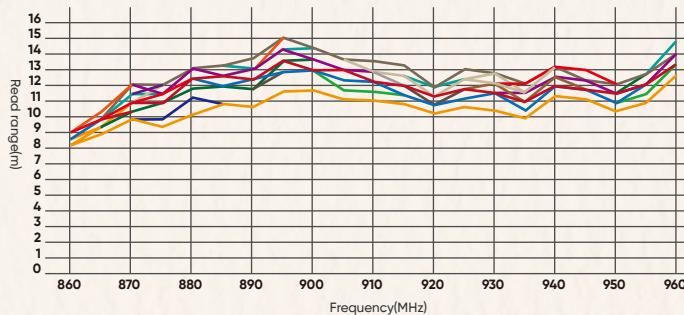
**Protocol:** ISO | IEC 18000-6C  
EPC Global Gen2v2

**Industry:** Retail  
Apparel and Fashion  
Logistics

**Applications:** Asset Tracking  
Brand Protection  
Inventory  
Warehouse

This UHF RFID label features the Alien Higgs® EC chip, known for its outstanding read range and advanced anti-cloning and anti-counterfeiting technology. It supports both compact label designs and extended read/write ranges, making it highly adaptable across various use cases.

Unlike many other RFID chips, the Higgs®EC offers expanded memory capacity, making it ideal for data-intensive applications such as asset tracking, supply chain management, and more demanding enterprise-level deployments.

**Reading performance****Reading range under different frequency****Physical Information**

Material	PET
Size	74×24 mm
Antenna Size	70×17 mm
Operating Environment	-40°C~+70°C, 20%~90% RH
Storage Environment	+18~28°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**

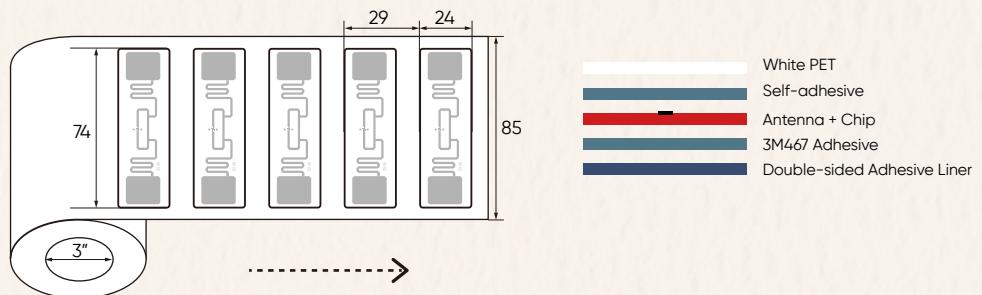
Operating Frequency	860-960MHz
Communication Protocol	ISO   IEC 18000-6C, EPC global Gen2v2
Read Range	Up to 13m
Chip Type	Alien Higgs® EC
User Memory	128 bits
TID Memory	48 bits
Authentication	Dynamic Authentication™ (Anti-Cloning/Anti-Counterfeit Technology)

**Packing Information**

Packing Format	Packed in roll, vacuumed packing in ESD bag.
Roll OD	Max. 152 mm
Core ID	3 inch/76.2 ± 0.50mm
Packing Quantity	1000Pcs/roll, per roll 0.7 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:** RFIDSolution.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. RFIDSolution.com is not liable for use-related issues or outcomes.