



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 13 m
Protocol:	ISO IEC 18000-6C EPC Class 1 Gen 2
Industry:	Retail Apparel and Fashion Logistics
Applications:	Asset Tracking Brand Protection Inventory Warehouse

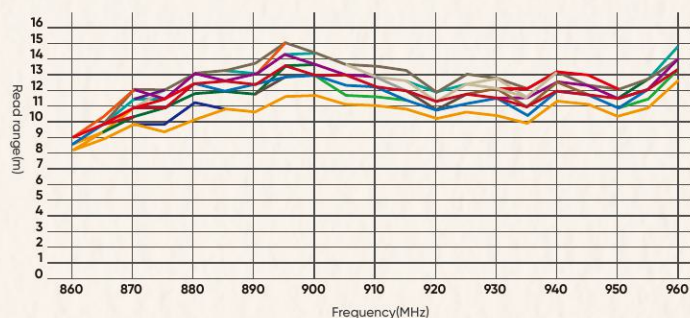


This UHF RFID label features the Alien® Higgs® EC chip, known for its outstanding read range and advanced anti-cloning and anti-counterfeiting technology. It supports both compact label designs and extended read/write ranges, making it highly adaptable across various use cases.

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.

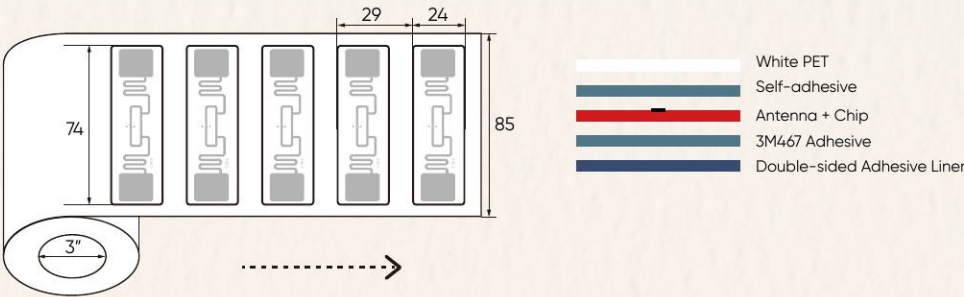
Technical Information

Operating Frequency	860~960MHz
Communication Protocol	ISO IEC 18000~6C, EPC Class 1 Gen 2
Read Range	Up to 13 m
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:** [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.