



Alien® Higgs® 10 PET Library UHF RFID Label



SKU:	RS-H10-DPET-1257
Chip Type:	Alien® Higgs® 10
Frequency:	UHF 860-960 MHz
Read Range:	Up to 13 m
EPC Memory:	128 bits
User Memory:	32 bits
Protocol:	ISO/IEC 18000-63, EPC Class 1 Gen 2
Industry:	Logistics, Inventory Management, Assets Tracking
Applications:	Retail Item Level Tagging, Supply Chain Management, Vehicle Tracking, Product Authentication, Asset Inventory and Tracking, Baggage Handling and Tracking



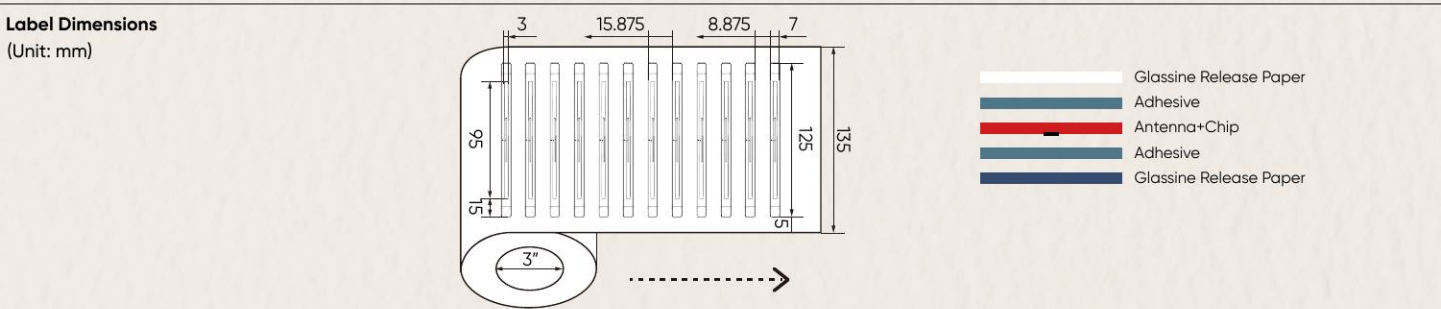
The 125x7 mm UHF RFID label compliant with the Alien® Higgs® 10 chip delivers superior performance for modern library systems through unmatched class memory reliability and rapid data tracking speed. Compliant with ISO/IEC 18000-63 and EPC Class 1 Gen 2, this label can optimize read and write efficiency in larger distances and suit with smaller tags.

It provides UHF RFID solution with rapid data transmission and exceptional read accuracy. The technology ensures dependable item identification and significantly enhances inventory management workflows, boosting operational efficiency for libraries.

Physical Information	Base Material	PET
	Label Size	125×7 mm
	Antenna Size	95×3 mm
	Operating Environment	+10°C~+40°C, 20%~80% RH
	Storage Environment	-20°C~+50°C, 20%~80% 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® 10
	EPC Memory	128 bits
	User Memory	32 bits
	Common Criteria Certification	WEEE compliant

Packing Information	Packing Format	Packed in roll, vacuumed packing in ESD bag.
	Roll OD	Max. 8.27 inch/210 mm
	Core ID	3 inch(76.2 ± 0.50 mm)
	Packing Quantity	1000 pcs/roll, 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.
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