

UHF Anti-Liquid Label

73 x 20 mm H10

The Anti-Liquid label from RICHRFID is a synthetic paper RFID tag specifically engineered for liquid-filled containers. Its optimized design ensures stable reading performance on challenging substrates such as glass bottles for drinking water, wine, and other liquid products, making it highly suitable for retail and beverage applications.

The product is complied with EPCglobal Class 1 Gen 2 , ISO 9001 quality management and ISO 14001 environmental management standards, ensuring reliable, industry-grade performance for diverse use cases.

Equipped with the Alien Higgs 10 IC , It has excellent read/write sensitivity along with enhanced backscatter capability and is optimized for high-volume applications. This RFID IC provides a flexible EPC memory structure supporting 96-bit EPC formats, plus a 32-bit expansion for longer EPC formats. It also supports up to 32-bits for optional user memory data which enables the flexibility to store additional data beyond the EPC level such as encryption keys, additional asset information, and serial numbers.

Overview

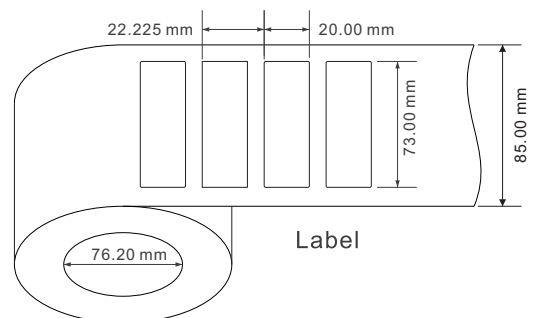
Frequency Band
 UHF 860-960 MHz

Chip Type
 Alien Higgs 10

Dimensions
 73 x 20 mm / 2.87 x 0.79 in

Air Interface Protocol
 ISO/IEC 18000-63 Type C

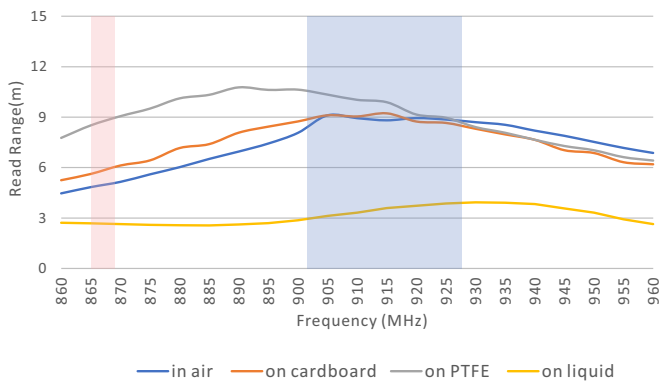
Application
 Alcohol & Beverage
 Medicine & vaccine
 Cosmetic & perfume
 Detergent & reagent



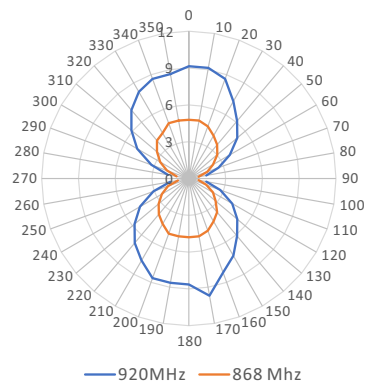
Technical Features

Model	RC5067
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	Alien Higgs 10
Memory	Up to 128 EPC bits (nominally 96 bits) Up to 32 User bits (with 96 bit EPC)
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimension	73 x 20 mm / 2.87 x 0.79 in
Material	PET
Adhesive	Double-sided tape
Operating Temperature	-40°C to 85°C / -40°F to 185°F
Storage Condition	20±5°C, 50±10% RH, Store away from sunlight
Other Features	
Installation	Adhesive on clean & dry surface
Customization	Printing, Encoding, Designing, etc.
Package	2,500 pcs / roll, 4 rolls / box

Read Range(2W ERP)



Radiation Pattern



PS: The performance is theoretical values in the lab and the actual effect depends on the specific applications.

RICHRFID

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DISCLAIMER

All specifications are indicative and results may vary. Each user bears full responsibility for making its own determination as to the suitability of RICHRFID products, materials, services, recommendations, or advice for its own particular use.

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