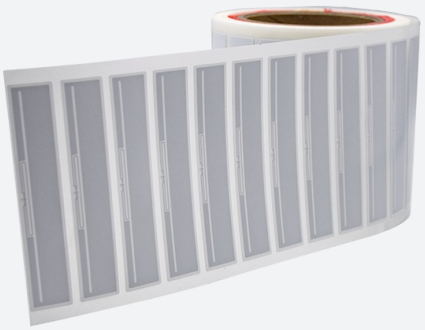


UHF Anti-Liquid Label

98 x 19 mm U9

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 NXP Ucode 9 IC features a 96-bit,A 48-bit unique serial number is factory-encoded into the TID. Delivery formats include dry inlay and label.. In addition, it includes a self-adjusting mechanism that maximizes performance even under harsh environmental conditions. It offers improved read / write sensitivity and faster encoding speed. Also incorporates a band identification number function to verify product authenticity, as well as a memory safeguard system to protect operational data.

Overview

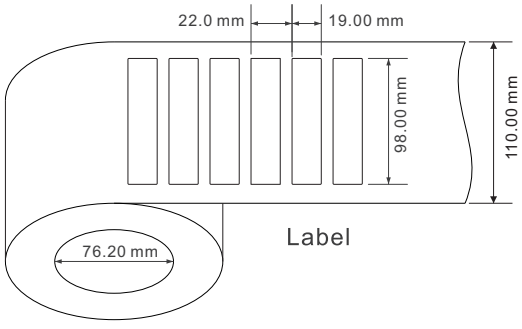
Frequency Band
UHF 860-960 MHz

Chip Type
NXP Ucode 9

Dimensions
98 x 19 mm / 3.86 x 0.75 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

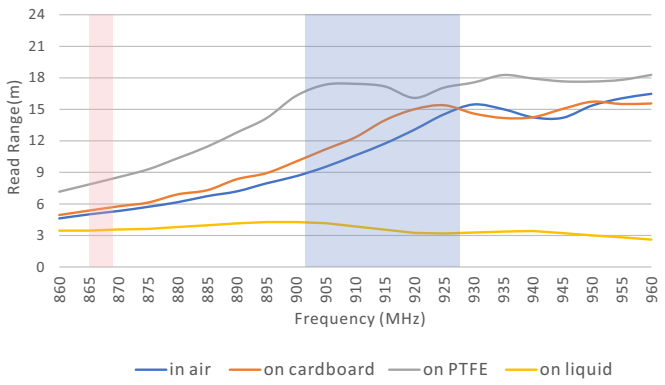
Application
Alcohol & Beverage
Medicine & vaccine
Cosmetic & perfume
Detergent & reagent



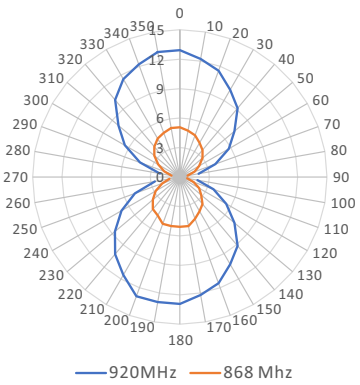
Technical Features

Model	RC5085
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	NXP Ucode 9
Memory	User - NA; EPC - 96 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimension	98 x 19 mm / 3.86 x 0.75 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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