



Specxus Flag U9

58.5 x 21 mm

The Specxus Flag U9 from RICHRFID is a synthetic paper RFID label engineered to maintain excellent reading performance even when applied to liquid containers or metal surfaces. Thanks to a specially engineered antenna, it can detect most liquid-based items from a strong read distance, such as blood bags, water/wine bottles, and barrels.

The product complies 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, it offers high performance and features designed for demanding RFID tagging applications. It is particularly well-suited for inventory management applications, such as retail and fashion, as well as baggage tagging. 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. It also incorporates a brand identification number function to verify product authenticity, as well as a memory safeguard system to protect operational data.

Overview

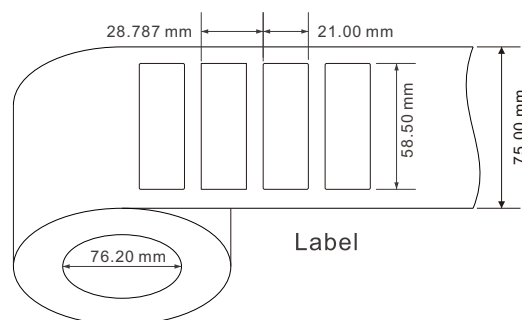
Frequency Band
UHF 860-960 MHz

Chip Type
NXP Ucode 9

Dimensions
58.5 x 21 mm / 2.30 x 0.83 in

Air Interface Protocol
ISO/IEC 18000-63 Type C

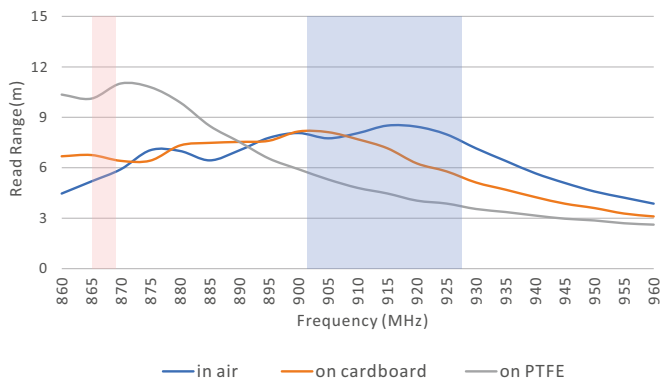
Application
Liquid containers
Metalwork
Electronics



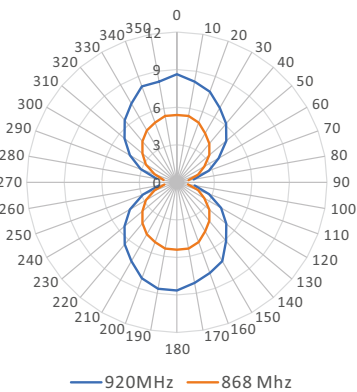


Model	RC5055
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	NXP Ucode 9
Memory	User - N/A; EPC - 96 bits; TID - 96 bits
Data Storage	> 10 years
Re-write	100,000 times
Physical Features	
Dimension	58.5 x 21 mm / 2.30 x 0.83 in
Material	PET
Adhesive	Double-sided tape
Operating Temperature	-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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