

Specxus Secure

43 x 18 mm R6P

The Specxus Secure is a tamper-evident, destructible RFID label designed to prevent reuse and protect product authenticity. Once applied, the label's fragile structure ensures that any attempt to peel it off will destroy the inlay and antenna, making the tag permanently unreadable.

This provides a strong security layer for high-value goods, warranty control, asset protection, and anti-counterfeiting applications.

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 Impinj Monza R6-P IC, it is optimized for serializing items such as apparel, electronics, cosmetics, pharmaceuticals, jewelry, and various other products. It delivers unmatched read performance and data integrity for effective item intelligence applications and record-breaking encoding performance to enable the lowest applied tag cost. With the addition of user memory and a range-reduction switch, it enables advanced applications such as loss prevention, alongside a memory safeguard system to protect operational data

Overview

Frequency Band

UHF 860-960 MHz

Chip Type

Impinj Monza R6P

Dimensions

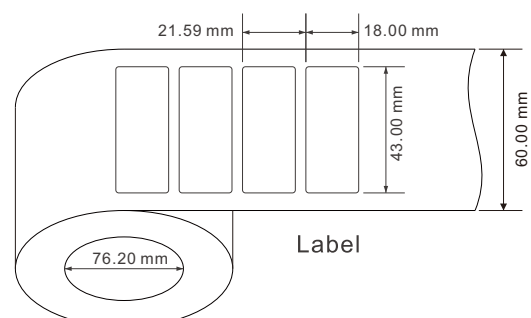
43 x 18 mm / 1.69 x 0.71 in

Air Interface Protocol

ISO/IEC 18000-63 Type C

Application

Asset tracking
Vehicle windshield
Anti-counterfeiting
Access control

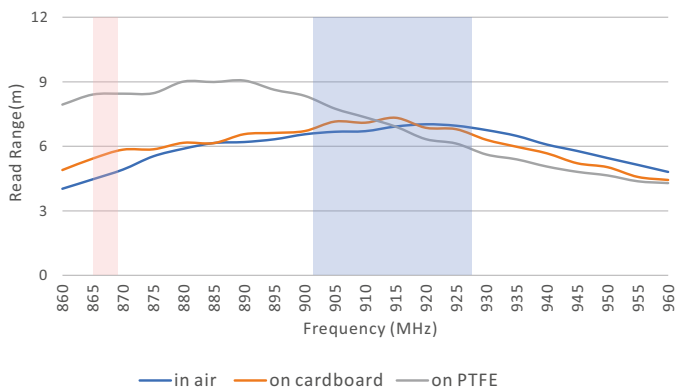


Technical Features

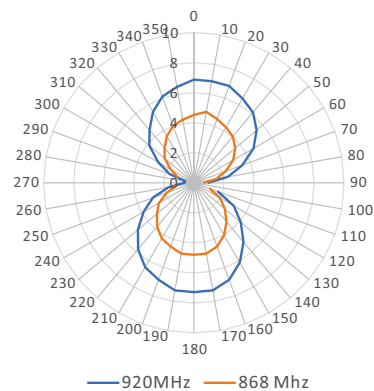


Model	RC5001
RFID Features	
Frequency	860-960 MHz
Application	Non metal
Chip Type	Impinj Monza R6P
Memory	User-32(64) bits; EPC- 128(96) bits; TID - 96 bits
Data Storage	> 20 years
Re-write	100,000 times
Physical Features	
Dimensions	43 x 18 mm / 1.69 x 0.71 in
Material	Coated Paper
Adhesive	Hot Melt
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

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