



# UHF Book Label

125 x 7 mm U9

The Book UHF Label is specifically engineered for library book management, offering excellent read performance when placed inside book spines or covers.

Its slim 125 x 7 mm form factor is optimized for books of all sizes, ensuring easy application without affecting book aesthetics or usability.

The product is complied with EPCglobal Class 1 Gen2 , 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

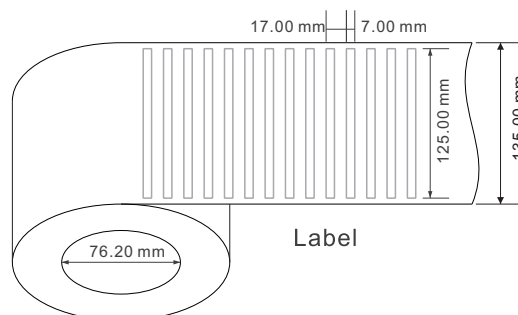
**Frequency Band**  
UHF 860-960 MHz

**Chip Type**  
NXP Ucode 9

**Dimensions**  
125 x 7 mm / 4.92 x 0.28 in

**Air Interface Protocol**  
ISO/IEC 18000-63 Type C

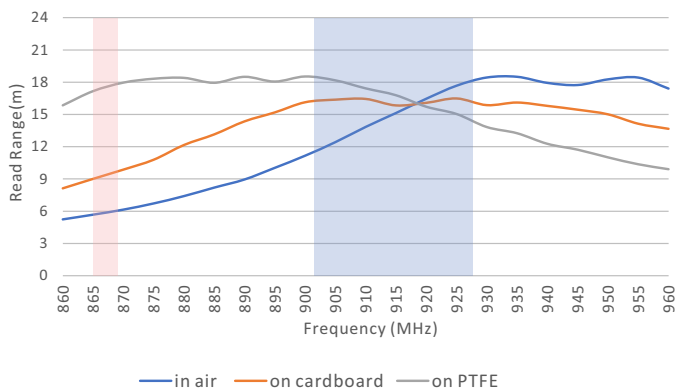
**Application**  
Book & Archive



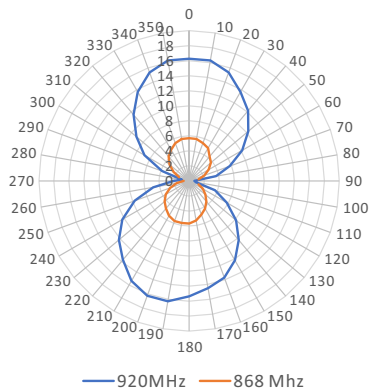
## Technical Features

Model	RC9019
<b>RFID Features</b>	
Frequency	860-960 MHz
Application	Non metal
Chip Type	NXP Ucode 9
Memory	User - N/A; EPC - 96 bits; TID - 96 bits
Data Storage	> 20 years
Re-write	100,000 times
<b>Physical Features</b>	
Dimension	125 x 7 mm / 4.92 x 0.28 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
<b>Other Features</b>	
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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