



# UHF Jewelry Label

68 x 26 mm U9

The Jewelry RFID label from RICHRFID is specifically designed for apparel accessories, jewelry. The label contains a special adhesive that is suitable for sticking to jewelry and other crafts without damaging the jewelry. Its chip performance allows for smaller inlay designs, so the labels are very small and easy to attach to various jewelry items such as rings, necklaces, bracelets, etc.

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

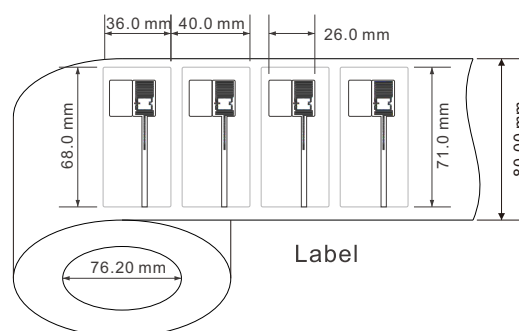
**Frequency Band**  
 UHF 860-960 MHz

**Chip Type**  
 NXP Ucode 9

**Dimension**  
 68 x 26 mm / 2.68 x 1.02 in

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

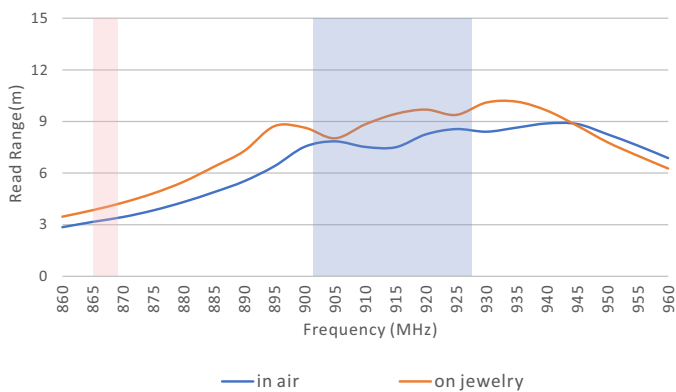
**Application**  
 Jewelry / Watch  
 Glass / Wearables



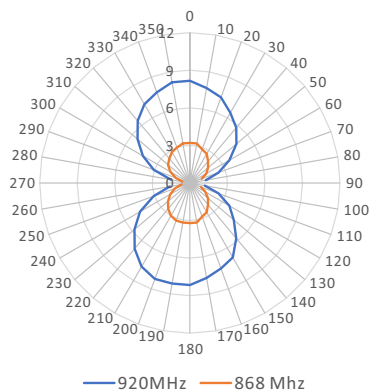
## Technical Features

Model	RC9017-4
<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	68 x 26 mm / 2.68 x 1.02 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
<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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