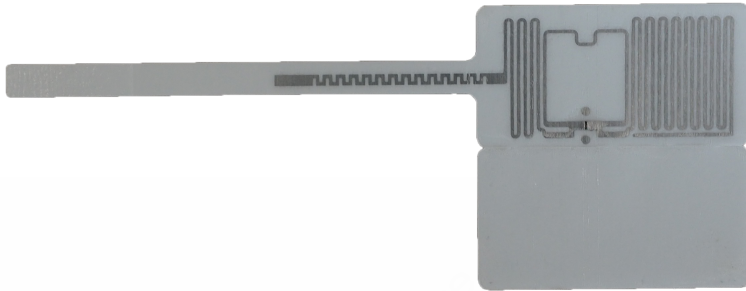


Jewelry RFID Label (331601-A)



Compact UHF RFID Label Engineered for Precise Jewelry Identification and Inventory Control

The 68×26 mm Jewelry RFID Label (331601-A) is a compact UHF RFID label tailored for jewelry, watches, and other small luxury items. Built with a precise 42×11 mm inlay, it ensures consistent read accuracy in retail environments. The label's PET-paper structure and strong adhesive backing provide secure attachment to display tags or holders without damaging delicate materials. Designed to operate in controlled temperature and humidity ranges, it offers a 1-year shelf life when stored in ESD-sealed packaging. Perfect for retailers seeking fast inventory scanning, anti-theft integration, and traceability for high-value products

Overview

Frequency Band

UHF 920 - 923 Mhz (ID)

Chip

Compatible EPC C1G2
(ISO 18000-6C) RFID IC

Label Dimension

68 × 26 mm (± 0.20 mm)

Inlay Dimension

42 × 11 mm

Material

PET + Paper + Adhesive

Liner Width

80 ± 1 mm

Industry

- Jewelry & Luxury Retail
- Inventory Management
- High-Value Asset
- Tracking
- Retail Display
- Identification

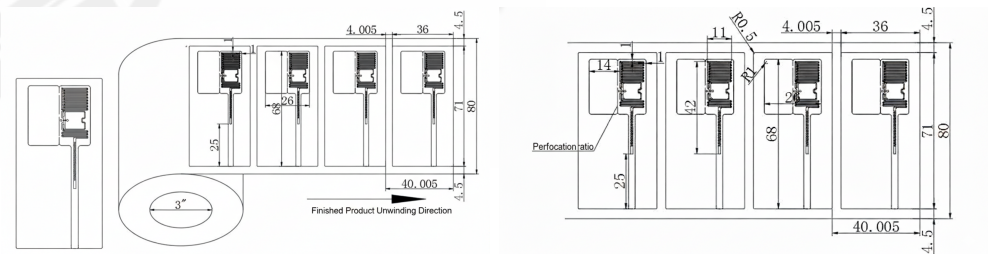
Application

- Jewelry Tagging and Authentication
- Retail Inventory Control
- Display and Showroom Labeling
- Small Accessory Tracking

Technical Features

Label Size (mm)	68 (L) × 26 (W) × 0.2 (T)
Inlay Size (mm)	42 × 11
Antenna Material	Aluminum etched on PET substrate
Label Corner Radius	R = 0.5 ± 0.5 mm
Core ID	3 inch (76.2 ± 0.5 mm)
Roll OD	≤ 201 mm
Adhesive Type	Pressure-sensitive, special coating optional
Label Pitch / Gap	40 ± 0.5 mm / 4 ± 0.5 mm
Liner Width	80 ± 1 mm
Read Range	Up to 2 m (depending on reader and surface)
Operating Temp.	-20 °C to +50 °C (after application)
Storage Temp.	10 °C to 40 °C (before application)
Humidity Tolerance	20 % – 80 % RH (non-condensing)
Shelf Life	1 year @ 23 ± 5 °C / 50 % ± 10 % RH (sealed in ESD bag)
Installation	Adhesive mount on non-metal surface
Handling Precautions	Keep away from water; avoid bending or crushing chip area
Packaging	Roll format; vacuum-sealed in ESD bag
Quantity	2500 ± 2 pcs per roll / 8 rolls per carton
Special Requirement	Cartons fully sealed without gaps

Product Overview



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