



SKU: RS-G2iLP-TDPET-8415

Chip Type: NXP UCODE®G2iL+

Frequency: UHF 860-960 MHz

EPC Memory: 128 bits

Read Range: ≥1.5M (Fixed readers)

Protocol: ISO/IEC 18000-63
EPC Class 1 Gen 2

Industry: Retail, Jewelry,
Apparel and Fashion

Applications: Asset Tracking, Inventory,
Warehouse, Brand Protection,
Jewelries & Sunglasses,
Product Authentication, Liquids



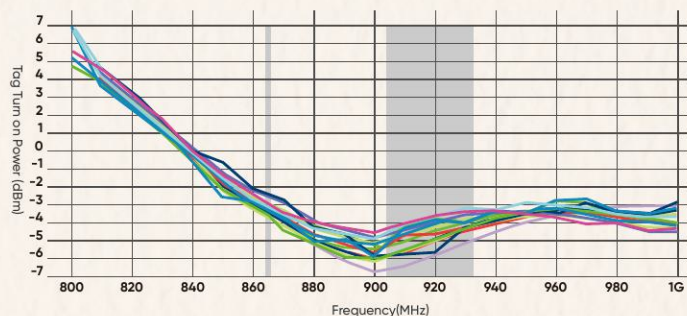
NXP UCODE®G2iL+ RFID UHF Tamper Detection Jewelry Label

The 84×15mm RFID UHF Jewelry Label, powered by the NXP UCODE®G2iL+ chip with tamper detection, delivers reliable tracking and theft prevention for high-value items. Supporting fast read rates, extended read range, and EPCglobal v1.2.0 standards, it enables secure and efficient inventory management in jewelry retail and luxury sectors.

Its tamper-evident design disables RFID functionality upon removal or damage, preventing unauthorized reuse. The slim, flexible form wraps neatly around rings, necklaces, and watches—providing a discreet, secure, and elegant tagging solution.

Reading performance

Reference of Graphic Performance



Physical Information

Material	Waterproof PET
Size	84×15mm
Antenna Size	51.2×12.3mm
Operating Environment	-20°C~+50°C, 20%~80% RH
Storage Environment	+18°C~+28°C, 40%~60% RH
Mounting Method	Stick
Surface	Paper Carton, Plastic, Wood, Liquid
Product Attribute	Disposable, Prevent Heat Transfer, Chemical Transfer, Knife Transfer
Handling Precautions	1. Do not bend. 2. Keep away from water and collision. 3. Labels with black-dot marks are bad ones, do not use.

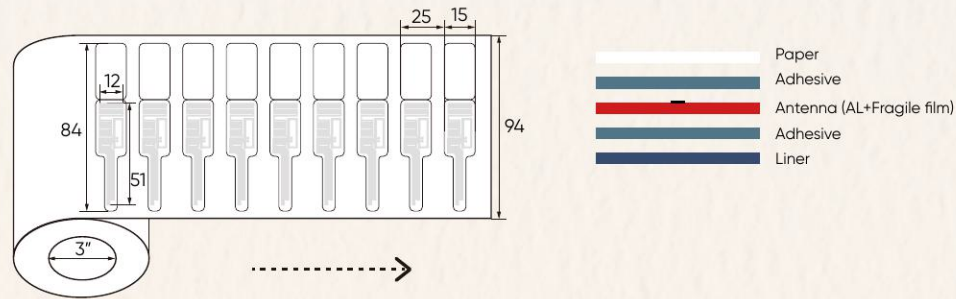
Technical Information

Operating Frequency	860~960MHz
Communication Protocol	ISO/IEC 18000-63, EPC Class 1 Gen 2
Read Range	≥1.5M (Fixed readers)
Chip Type	NXP UCODE®G2iL+
User Memory	128 bits
TID Memory	48 bits
Security Features	Tag tamper alarm and 32 bits Kill/Access password

Packing Information

Packing Format	Packed in roll, vacuumed packing in ESD bag.
Roll OD	Max. 210 mm
Core ID	3 inch/76.2 ± 0.50mm
Packing Quantity	1000 pcs/roll

Label Dimensions
(Unit: mm)



● **Performance and Illustrations:** Graphs and visuals are for reference only; actual product performance may vary depending on usage and environment.
 ● **Storage and Handling Guidelines:** Follow standard ESD-safe storage and handling procedures to maintain product integrity and avoid damage.
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