



# UHF Jewellery Label

The UHF Jewellery Label is a High-performance UHF RFID label designed for accurate identification and tracking of jewellery items such as rings, necklaces, bracelets, earrings, and watches. Engineered with excellent read sensitivity and reliable performance, it enables fast inventory management, stock verification, and loss prevention while maintaining an elegant appearance. The label is suitable for retail stores, warehouses, manufacturing units, and jewellery showrooms.

## PHYSICAL PARAMETERS

|                       |                |
|-----------------------|----------------|
| Die Cut Size in mm    | 71 x 36 ±0.5   |
| Operating Temperature | -40°C to +85°C |
| Storage Temperature   | -40°C to +85°C |
| Material              | PET            |
| Core Size             | 3"(76.2mm)     |

## ELECTRICAL PARAMETERS

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Working Frequency | Global: 860- 960MHz                                                        |
| Standard Protocol | ISO 18000-6C and EPCglobal Gen2v2                                          |
| Chip Type         | NXP UCode 9                                                                |
| EPC Memory        | 96 bits                                                                    |
| Data Retention    | 50 Years                                                                   |
| Write Endurance   | 100,000 cycles                                                             |
| Read Range        | Up to 4 Meters from a Fixed Reader<br>Up to 2 Meter from a Handheld Reader |

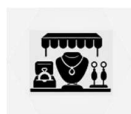
## PERSONALIZATION

|          |                                                       |
|----------|-------------------------------------------------------|
| Encoding | Customer specific encoding of EPC                     |
| Printing | Customized logo, text, barcode etc.                   |
| Chip     | Various Options Available, Depending upon Application |
| Adhesive | 3M or Others (Depending upon volumes)                 |

## APPLICATION AREA



Item Tracking



Jewellery Retail



Warehouse



Jewellery Manufacturing



Asset Management