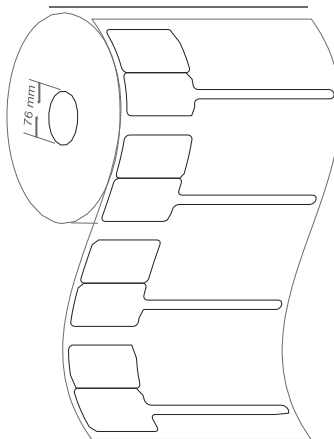


SIVA's tamper-proof jewellery tag is designed for tagging small, valuable jewellery items. The tag is suitable for jewellery stock management. These tags can be pre-printed and encoded with human readable data according to the customers requirements.

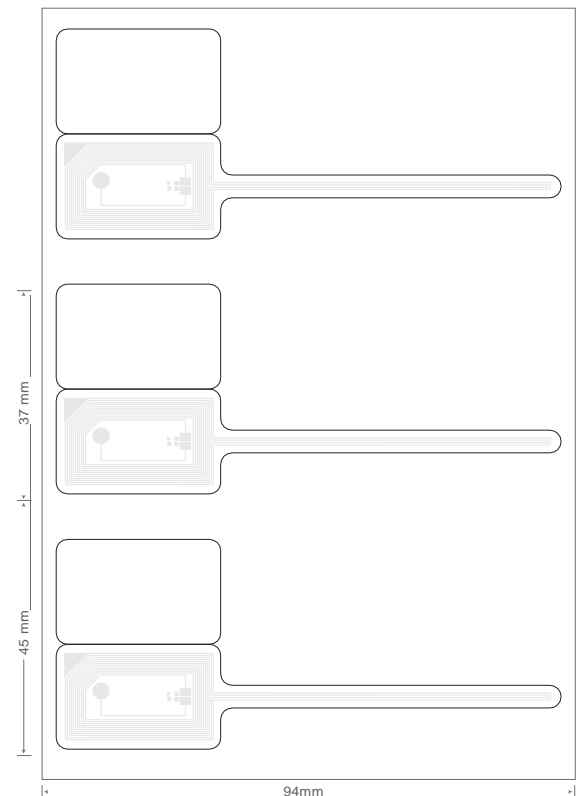
### TYPICAL APPLICATIONS

- Authentication by clients
- Jewellery Tagging
- Watch Tagging



### PHYSICAL SPECIFICATION

Face Stock	Printable white PET resin ribbon is recommended
Label Sizes	89 x 37 x 0.1 mm 3.51 x 1.46 x 0.0039 in
Adhesive	High performance permanent adhesive with excellent bonding
Weight	0.17 gms
Delivery format	On reel
No. of Labels/ Reel	2000 pcs
Label Pitch	45 mm
Core inner diameter	76 mm / 3 in



## RF SPECIFICATION

Mode of Operation	Passive
Device type	Passive HF RFID transponder
Air interface protocol	ISO/ IEC 15693
Operational frequency	13.56 MHz
IC type*	NXP ICODE SLIX II
Memory configuration	2560 bits, UID - 64 bits , User Memory - 2528 bits
Data Retention	Upto 50 years
Write Endurance Cycles	100000
Applicable surface materials	Non-metallic surfaces

## ENVIRONMENTAL RESISTANCE

Operating Temperature	-20°C to +70°C / -4°F to +158°F
Withstands Exposure To	95% humidity, 60°C × 100 h, 50% humidity, 80°C × 100 h
Peak Temperature	+100°C for 1 hr, +85°C for 100 hrs (Label remains securely attached with object. No physical or performance changes observed)
Adhesive Service Temperature	-20°C to +85°C / -4°F to +185°F
Recommended Application Temperature	+10°C to +38°C
Water Resistance	IP67
Chemical Resistance	No physical or performance changes in: - 168 h Salt water (salinity 10%) exposure - 168 h Motor oil exposure - 12 h NaOH (10%) exposure - 30 min Acetone exposure
Ideal Storage Condition	+23°C / 50% RH
Expected Lifetime	Years in normal operating conditions

## PRODUCT INSTALLATION



Ensure the application object has sufficient space through which the label tail can be passed.

Peel off label from the liner, pass the tail of the label through a hole/cavity of the object and place the tip inside the flap of the label ensuring there is a sufficient area of the tail on the flap, secure the tail by overlapping the other flap of the label onto it and applying firm pressure to ensure its stuck evenly. Avoid touching the backside of the label while mounting it.

\* Other IC's available on request

For more information, visit: [www.rfidcanada.com](http://www.rfidcanada.com)

Email: [info@rfidcanada.com](mailto:info@rfidcanada.com)

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## PERSONALIZATION OPTIONS

### Pre-encoding

- Customer specific encoding of EPC

### Customized Printing

- Customer specific layout including logo & text, numbers, barcodes etc.

## ORDER INFORMATION

### Part Number

- RF.Li.TT.TP.JL.Slix

### Roll Sizes

- 500 Labels per Roll / 4 Rolls per Carton





Version : 040120.01

