



FEATURES

- EPC global C1 Gen 2 & ISO18000-6C
- Operating frequency 840-960MHz
- Small size and shape
- No adhesive on tail
- Pet PVC paper material

PRODUCT OVERVIEW

The IRYS JEWEL tag, a miniature tag, is ideal for a wide variety of jewellery management applications. This printable (Pet PVC) tag enables fast encoding of data into tags. The superior adhesive (with no adhesive on central part of tail to avoid adhesive stains on jewellery) supports varied operating environments.

The tag meets industry standard complaint of EPC Class 1 Gen 2.

A simple tagging process allows user to quickly label their items. The tag enables jewellery to be quickly and reliably identified all along their distribution chain, from warehouses to point-of-sales.

BENEFITS

- Excellent scanning
- Consistent performance
- Fits on small objects
- Ease of fixation
- Water resistant
- Printable from RFID printer

APPLICATIONS

Item-Level Inventory Management

- Stock audit
- List preparation
- List verification
- Item transfers
- Item search
- Invoice verification
- Packaging list generation

Point of Sale

- Item wise billing
- Returns / Exchanges
- Customer interactions
- Business intelligence (Sales analysis)

ABOUT IRYS

Irys Pte. Ltd., a Gems & Jewellery centric RFID company, pioneers in conceptualizing and developing smarter Jewellery Management Solutions using next generation auto-identification technologies. Our products target not only at optimizing efficiency and accuracy of stock verification processes, but also at providing valuable Business Intelligence for effective planning of production, stocking and movement of Jewellery products to maximize business gains.

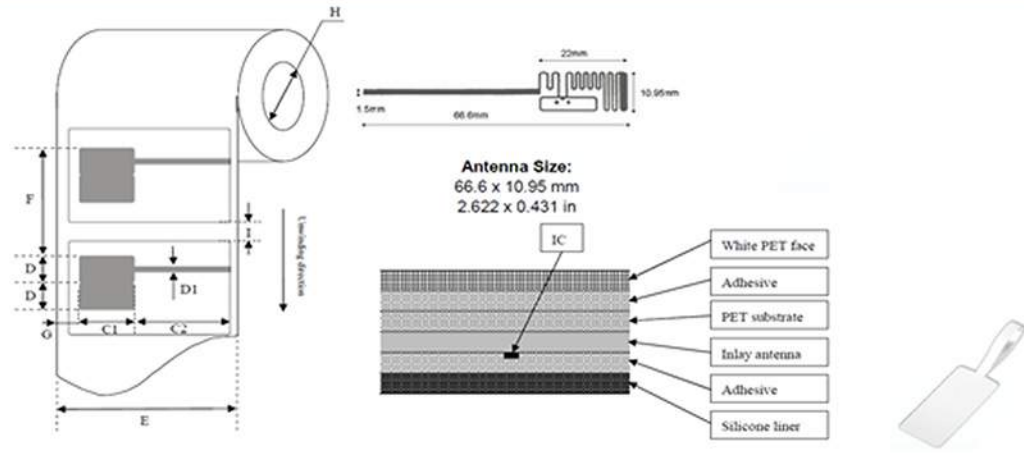
Headquartered in Singapore, Irys focuses strongly on customers' needs and perspectives. Backed by domain experience, Irys provides a new and innovative approach to managing jewellery business that resembles a flexible and a cost efficient system.



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TECHNICAL SPECIFICATIONS

	ITEM	DETAILS
RF Specifications	<ul style="list-style-type: none"> Frequency Integrated Circuit EPC Size Access Password Kill Password 	<ul style="list-style-type: none"> 865-867Mhz Monza 5 128 bits 32 bits 32 bits
Mechanical	<ul style="list-style-type: none"> Label Dimension Label Thickness 	<ul style="list-style-type: none"> 25mm x 26mm (plus 50mm tail) 0.05mm
Environmental	<ul style="list-style-type: none"> Operating Temperature Storage Temperature Bending diameter Static pressure 	<ul style="list-style-type: none"> -40 C to +85 C -20 C to + 50 C > 50mm, tension less than 10N < 10MPa (10N/mm2)
	<ul style="list-style-type: none"> Inlay Adhesive 	<ul style="list-style-type: none"> Acrylic
	<ul style="list-style-type: none"> Roll Size 	<ul style="list-style-type: none"> 2000 pcs/roll
	<ul style="list-style-type: none"> Core Size 	<ul style="list-style-type: none"> 3inch/76.2mm
	<ul style="list-style-type: none"> Winding Direction 	<ul style="list-style-type: none"> Inlay facing out of the roll