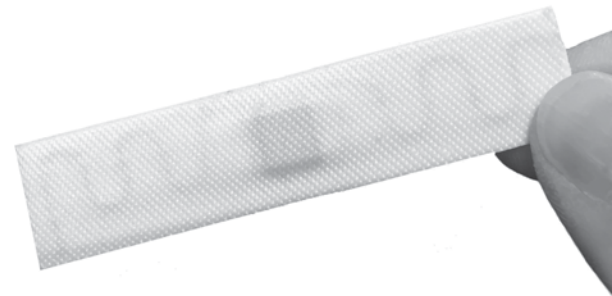


INVENGO LINTRAK® C15 UHF TAG



About Invengo's LinTRAK C15 Tag

Invengo's LinTRAK® C15 RAIN RFID (UHF) tags have been specifically designed to identify linen and textile products and to meet the tracking requirements of the laundry industry in terms of shape, robustness and ease of fixation. LinTRAK C15 is made of a fabric label embedded with a small UHF device coupled to a sewed thread antenna. Invengo's LinTRAK C15 is smaller than our LinTRAK C tag and measures just 15 mm x 67 mm.



Invengo's Textile Services division provides an innovative and highly performant IoT Linen Inventory Management Platform (ACUITY), enabling the industrial Laundry industry worldwide as well as their Hospitality and Healthcare customers, to gain continuous access to real-time inventory visibility/availability of their textile assets and to make intelligent business decisions to increase their profitability.

Invengo Technology Pte. Ltd. (Singapore) is the International Headquarters of Invengo Information Technology Co. Ltd, listed on Shenzhen Stock Exchange (SZSE: 002161.SZ). Employing over 600 people globally, Invengo is one of the largest publicly traded, RFID/IoT oriented companies in the world.

Key Benefits

- Specifically designed for Linen products
- Resistant to harsh laundry environments
- Easy of affix onto textile items
- Excellent read performance

Invengo RFID UHF tags are compliant with EPC global UHF Class 1 Gen 2 and ISO 18000-63 standards. This means that they are encoded with a unique EPC code, following GS1 standards (SGTIN96 format), which can be re-programmed to be compatible with any operating platform, in accordance with privacy laws. We provide custom encoding services. Please contact us for pricing.

Product Specifications

General

Frequency	860 to 960 MHz
Operating Mode	Passive
Tag Dimensions (Standard)	Height (+/- 1 mm): 15 mm (+/- 0.03 in): 0.59 in Length (+/- 3 mm): 67 mm (+/- 0.11 in): 2.63 in
Tag Thickness	2,1 mm (0.082 in) (on chip location only; rest of tag is <0.8 mm (0.03 in)
Performance	Typical 6 m (20 feet)

RFID

Operating Protocol	EPC global UHF Class 1 Gen 2, ISO 18000-63
IC	Impinj Monza 5
EPC Memory	Standard 96 bits (up to 128 bits)
Data Retention	50 years

Material

UHF Module	Encapsulated chip, epoxy
Antenna	Multithreads, stitched, stainless steel
Fabric Label	Woven Polyester

Personalization (Optional)

Unique EPC code (unlocked)
Custom EPC range & locking on request

Delivery

Please contact us for details and pricing
Delivered in units. Can also be sold inside a white pouch with printed logo.

Also comes in heat-seal version
Can be laser marked with TID

Laundry Cycle Performance

Maximum Temperature	220°C (428°F) / 30 seconds
Exposure	2.5 bars (36.25 PSI)
Tunnel Washer	90°C (194°F)/15 minutes
Pre-drying in Tumbler	160°C (320°F)/30 minutes
Tunnel Finisher	185°C (365°F)/30 minutes
Sterilization Process	134°C (273°F)/20 minutes
Water Extractor Press	60 bars*
Chemical resistance	All standard chemicals used in laundry process
Warranty	200 cycles or 3 years

Performance Tests

Applied Tag Performance Certification from EECC (European EPC Competence Center)

Certification

OEKO-TEX® Standard 100 level 1

Product References

TL650E17
TL650E17H (Heat-Seal version)
TL650E17M (Laser-marked version)

*Performance level measured and guaranteed in Invengo's Laundry tests and conditions

According to EECC (European EPC Competence Center);

"The Invengo LinTRAK C15 shows an extraordinarily good performance when operating on different materials and in challenging situations as close proximity. In summary, this tag shows a very stable performance for laundry applications."

APAC

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