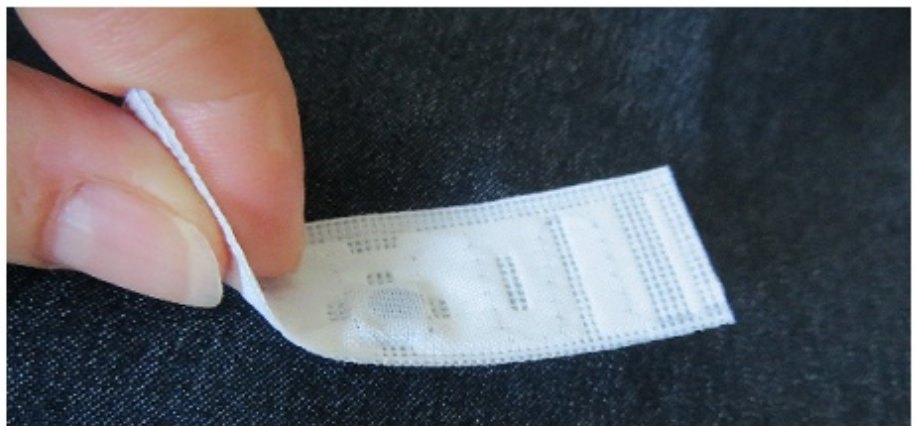


LinTRAK B

UHF TAG



Unique flexibility and strength

TAGSYS' LinTRAK RFID UHF tags have been specifically designed to meet the tracking requirements of the laundry industry in terms of shape, robustness and ease of fixation.

LinTRAK is based on a unique and patented concept developed by TAGSYS. It uses a very small UHF device coupled to a sewed secondary antenna made of an innovative and flexible thread.

LinTRAK is easily affixed onto textile products using a standard sewing process. Specifically designed for flat linens and uniforms identification, it can be sewed along the edge of the item or incorporated in the hem. LinTRAK withstands heat sealing processes and can be attached to the textile article using a standard adhesive patch.

LinTRAK enables reading distances over 3 meters when used in conjunction with TAGSYS fixed and portable UHF RFID Reading Stations. It enables to:

- Automate operational processes inside the laundry,
- Accelerate and improve the accuracy of information flows between the laundry and its customers,
- Provide reliable status on linens availability at laundries and end-users sites,
- Offer a new range of client services such as loss prevention and real-time storage management.

About TAGSYS

TAGSYS provides complete, reliable, high performance RFID infrastructure systems for itemlevel tracking in a variety of industries.

Our unique RFID expertise, combined with a true understanding of RFID business processes, makes us the ideal RFID partner to ease and ensure the success of your project.

LinTRAK B

UHF TAG

Technical specifications



GENERAL

FREQUENCY:	860-960 MHz
OPERATION MODE:	Passive
TAG DIMENSIONS:	Standard : 20 x 59 mm (.78 x 2.3 in) (+/-2)
TAG THICKNESS:	1.8 mm (.07 in) (on chip location only; rest of tag is <0.6mm (.02 in))
PERFORMANCE:	Linen or garment: typical 10 feet (3m) (71.6°F, 50% RH)
STORAGE TEMPERATURE:	21°C (+/- 10°C), 69.8°F (+/- 50°F)

RFID CHIP SPECIFICATIONS

ePC Class 1 Gen 2, Monza 5
ISO 18000-6C
User Memory: 32 bits
Data retention: 50 years

MATERIAL

UHF Module: encapsulated chip, epoxy
Antenna: Multi threads, woven, stainless steel
Fabric label: Polyester

PERSONALIZATION (optional)

Unique ePC code, serial number
laser-engraved. IC memory encoding.

LAUNDRY CYCLE PERFORMANCE

MAXIMUM TEMPERATURE EXPOSURE:	200°C (392°F) / 15 seconds / 2.5 bars (36,28 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 (tests TAGSYS)
WARANTY:	200 cycles or 3 years

COMPLIANCY

RoHS REACH

PRODUCT REFERENCE

TL650E01

HOW TO ATTACH YOUR LinTRAK:



Sewn in the hem or pocket



Inserted into the hem



Heatsealed underneath an additional patch

www.tagsysrfid.com

AMERICAS

EUROPE

ASIA-PACIFIC

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TAGSYS RFID
e-connecting goods