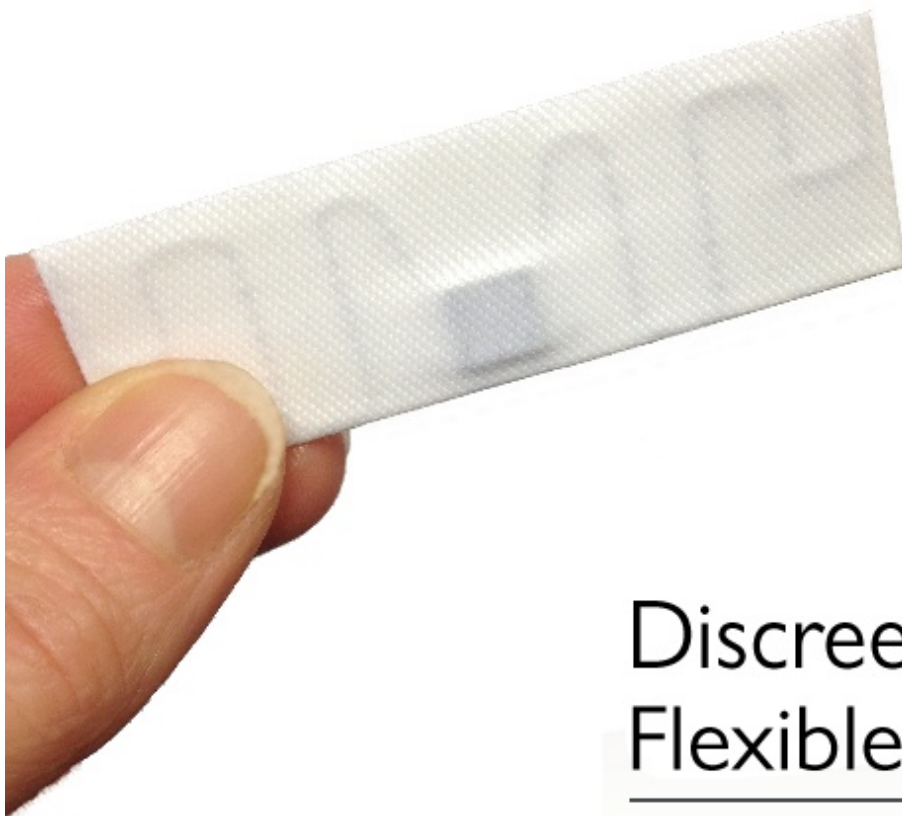


LinTRAK C

UHF TAG



Discreet, Resistant and Flexible for your Linen

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.

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

LinTRAK C 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 C is easily affixed onto textile products using a standard sewing or patching process. It can also be sewed along the edge of the item or incorporated in the hem.

LinTRAK C can be read at distances over 3 meters when used in conjunction with TAGSYS fixed and portable UHF RFID Reading Stations.

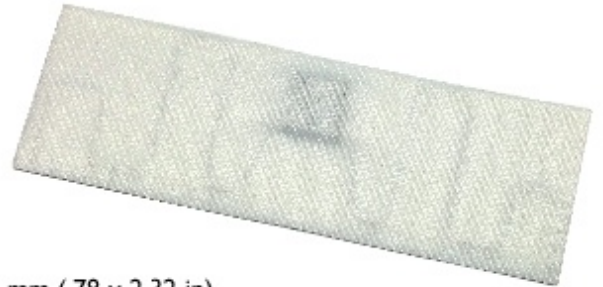
As part of the TAGSYS [ACUITY] offer for laundries, LinTRAK C contributes to:

- 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.

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Technical specifications



GENERAL

FREQUENCY:	860-960 MHz
OPERATION MODE:	Passive
TAG DIMENSIONS:	Standard (+/-5%): 20 x 59 mm (.78 x 2.32 in)
TAG THICKNESS:	2.1 mm (.082 in) (on chip location only; rest of tag is <0.8mm (.03 in))
PERFORMANCE:	Linen or garment: typical 10 feet (3m)
STORAGE TEMPERATURE:	21°C (+/- 10°C), 69.8°F (+/- 50°F) (22°C, 50% RH)

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.
Possible ePC memory encoding.

DELIVERY

Delivered in units.
Can also be sold inside a white pouch with printed logo
(please contact us for details and prices).

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

TL650E05

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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e-connecting goods