



Special RFID Tag Laundry Tag Polyester UHF

Applications

- Automate processes during laundry
- Hospital uniforms & Hotel sheets tracking

Features

- Specially designed for Linen products
- Easy to affix onto textile items
- Surpassed reading performance
- Good chemical and corrosion resistance
- Outstanding mechanical resistance

RFID Options

- UHF

PRODUCT DESCRIPTION

This UHF RFID Laundry Tag has been specifically designed to be discreetly integrated into linen and various textile products used in commercial laundries and their customer sites such as hospitals and hotels.

The material of this tag is 50 % cotton and 50 % polyester. It is robust and durable for up to 200 wash cycles. It is heat-resistant up to 85 °C / 185 °F. Therefore it has a good chemical and corrosion resistance.

The tags can be sew to your clothing or it can be embedded into a pocket on the clothing.

It supports the RFID frequency UHF (860 to 960 MHz).

APPLICATION EXAMPLES



Laundries

Our Polyester Laundry Tag is well suited for laundries. The effective and exact identification of clothing is highly relevant within washing processes.

The assignment of laundry items to the respective customer is important. Every clothing of a customer is marked with a RFID Laundry Tag with the same UID. The laundry employee can quickly identify the clothing for the same customer.

This optimized the work processes within large laundries. The implementation of RFID Tags to the clothing saves times, reduces costs and contributes to a high level of customer satisfaction.

Hotels

The usage of RFID Tags within the housekeeping in hotels is common. The exact assignment of linen or towels especially for employees is important for an efficient hotel management process.

The housekeeping department can easily attach the RFID Polyester Label to laundry items by sewing. The registered UID on the tag gives information about the lifecycle and the washing cycles. This information gives the controlling a realistic view of consumption.

TECHNICAL DATA

Electrical Specifications

Frequency	UHF (860 – 960 MHz)
Operating Mode	Passive
Reading range	Up to 5 m
IC Type	NXP U CODE 7m (EPC Class 1 Gen 2 / ISO 18000-6C compliant)
Memory	128 bits EPC, 32 bits user memory

Mechanical Specifications

Dimensions	60 × 20 mm
Thickness	2.1 mm
Material	50 % Cotton, 50 % Polyester
Housing Constr.	QFN (Quad Flat No-lead Package)
Housing Colour	White

User Environment

Operating Temp.	-40 to 85 °C / -40 to 185 °F
Storage Temp.	-40 to 120 °C / -40 to 248 °F
Tag Lifetime	200 wash cycles

PRODUCT PICTURES



ORDER CODES

Version	Order Code
Laundry Tag UHF 60 × 20 mm	ST-UHF-LT-60x20

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