

RFID LABEL LTo11

MARKETS:



Industrial
laundries



Industry

COLOUR:



White

The LTo11 is a small, rectangular **fabric** RFID label designed to be sewn into the seam of garments for identification. **Measuring just 55 x 12 x 1.6 mm** and weighing only 1.1 grams, it's white and customizable with thermographic printing.

Built specifically for industrial laundries, **the LTo11 can withstand up to 200 washes. It maintains its integrity through rigorous operational conditions: it's washable at 90°C for fifteen minutes, resists temperatures of 160°C for thirty minutes in a dryer, and can be ironed at 200°C for 10 seconds. Additionally, it tolerates a finishing tunnel at 185°C for half an hour and an industrial extractor at up to 60 Bar (600**

N/cm²). The LTo11 is available with **UHF MONZA 4QT and UCODE 8 chips**. It offers a read distance of five meters with a fixed RFID reader and up to two and a half meters with a handheld RFID reader.

MARKETS

With an **IP68** rating, the LTo11 is optimally resistant to water jets and dust. Thanks to its unique design and durability, this RFID label is ideal for textiles such as uniforms, apparel, or linen—especially those from the hospitality (Horeca) and healthcare sectors—managed by **industrial laundries and the fashion industry**.



European frequency (EU) 868 MHz - US frequency 920 MHz

RFID features

Chip	Memory	ISO Standard
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2
UCODE 8	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 8 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2

Technical specifications

Application	Fabric
IP rating	68
Dimensions	55 x 12 x 1.6 mm
Material	Fabric
Weight	1.1 g
Application method	Stitching within the garment seam
Washing cycles	200
Short time heat resistance	Washing: 90°C, 15 minutes Drying: 160°C, 30 minutes Ironing: 200°C, 10 seconds Finishing Tunnel: 185°C, 30 minutes Industrial Extractor: 60 Bar (600 N/cm ²)
Storage temperature	-40°C ~ +80°C

Customisation

Colour	White
Type of printing and numbering	Thermography

