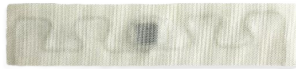


RFID LABEL LT012

MARKETS:



Industrial
laundries



Industry

COLOUR:



White

The LT012 is a rectangular **fabric** RFID label designed for durable application. You can apply it to garments using a **heat-sealing machine** at 200°C, with a pressure of 2 Kg/cm² for 30 seconds. This compact label measures 70 x 15 x 1.6 mm and weighs only 1.3 grams. It comes in white and can be customized with thermographic printing. Engineered for **industrial laundries**, the LT012 boasts a lifespan of up to 200 washes. It withstands a **washing temperature of 90°C for fifteen minutes, tolerates drying at up to 160°C for half an hour, and can be ironed at up to 200°C for 10 seconds.** Furthermore, it endures up to 185°C for half an hour in a finishing tunnel and resists an industrial extractor at up to 60 Bar (600 N/cm²).

The LT012 is available with **UHF MONZA 4QT, UCODE 7, UCODE 8, and UCODE 9** chips. It offers a read range of up to 5 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 LT012 is highly resistant to water flows and dust. Given its robust specifications, this RFID label is easily applicable to apparel and linens typically processed by **industrial laundries and within the fashion industry.**



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

RFID features

Chip	Memory	ISO Standard
UCODE 7	0 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2
UCODE 7 US	0 bytes - TID: 12 bytes - EPC: 16 bytes	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
UCODE 9	0 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Gen 2 V2
UCODE 9 US	0 bytes - TID: 12 bytes - EPC: 12 bytes	EPC Gen 2 V2
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	EPC Class 1 Gen 2

Technical specifications

Application	Fabric
IP rating	68
Dimensions	70 x 15 x 1.6 mm
Material	Fabric
Weight	1.3 g
Application method	Heat sealer at 200°C, with a pressure of 2 kg/cm ² for 30 seconds
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