RFID LABEL LT007

LT007 is an RFID label **made of soft fabric.** Rectangular in shape, it can be sewn into the garment.

Available in two sizes — 70 mm x 15 mm x 1.6 mm and 86 mm x 16 mm x 1 mm — it is white and can be customised using a thermographic printer. **During washing, it resists up to 90°C for 15 minutes**; during **pre-drying**, it resists **up to 180°C for thirty minutes 200 times**, while during **ironing**, it withstands **up to 180°C for ten seconds for 200 times**. Finally, **when subjected to disinfection, it withstands 135°C for 20 minutes.**

LT007 operates in UHF with the **UCODE 7, UCODE 8, MONZA R6P** chips.

MARKETS

LT007 is designed for application on fabrics processed in **industrial laundries**, for **managing work or school uniforms, for optimised management of medical and military clothing, or for industrial production in the fashion sector**.

RFID LABEL LT007

Partitalia

UHF
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
MONZA R6P	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2
MONZA R6P US	8 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Gen 2 V2

Technical specifications

Application	Fabric
Dimensions	70 x 15 x 1.6 mm and 86 x 16 x 1 mm
Material	Soft fabric
Weight	0.7 g
Application method	Stitching
Short time heat resistance	Washing: 90°C, 15 minutes Pre-drying: 180°C, 30 minutes, 200 times Ironing: 180°C, 10 seconds, 200 times Disinfections: 135°C, 20 minutes
Storage humidity	5% ~ 95%
Operation temperature	-25°C ~ +110°C
Storage temperature	-45°C ~ +85°C

Customisation

Colour	White
Type of printing/numbering	Thermography

70 / 86 mm
2.75 / 3.38 in