RFID LABEL LT009

The LT009 is a **fabric and silicone** RFID tag with a rectangular shape. It can be sewn into the seam of the garment to be identified. Measuring 68 x 26 mm, it's white and customizable through thermography.

The LT009 can withstand up to 200 washes and operates in the following conditions: **washing at 90°C for 15 minutes, drying at up to 160°C for 30 minutes, ironing at 200°C for 10 seconds, finishing tunnel up to 185°C for 30 minutes, and industrial extractor up to 60 Bar (600 N/cm²).** The UHF tag is available with **MONZA 4QT and MONZA 4E chips** and offers a read range of five metres with a fixed reader and two and a half metres with a handheld reader.

MARKETS

With an **IP68** rating, offering high resistance to water and dust, the LT009 is ideal for textiles processed in **industrial laundries and in the fashion industry.**

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Partitalia

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

RFID features		
Chip	**Memory**	**ISO Standard**
MONZA 4E	16 bytes - TID: 12 bytes - EPC: 62 bytes	ISO 18000-63 / EPC Class 1 Gen 2
MONZA 4QT	64 bytes - TID: 12 bytes - EPC: 16 bytes	ISO 18000-63 / EPC Class 1 Gen 2

Technical specifications	
Application	Fabric
IP rating	68
Dimensions	68 x 26 mm
Material	Fabric and silicone
Weight	2.6 g
Application method	Sewn into the seam of the garment
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/cm2)
Storage temperature	-40°C ~ +80°C

Customisation	
Colour	White
Type of printing/numbering	Thermographic

68 mm
2.5 in