



LT010 is an RFID tag made of **fabric**. Rectangular in shape, it is applied by attaching it inside the seam of the identified garment. Its dimensions are **68 x 20 x 1.6 mm**, it is white and is customisable with thermographic printing.

The **LT010 label withstands a maximum of 200 washes and, at an operational level**, maintains its integrity if the following conditions are met: **washing at 90°C for 15**

minutes, drying at 160°C for half an hour, ironing at 200°C for 10 seconds, finishing tunnel at 185°C for 30 minutes and industrial extraction at 60 Bar, which is 600 N/cm².

LT010 has the UHF frequency and has the **MONZA 4QT chip**.

It can be read by a fixed RFID reader up to a distance of four and a half metres and by a handheld RFID reader up to 2.5 metres.

MARKETS

The **IP68 rating** allows the LT010 label to optimally resist water jets and dust.

Due to the performance described above, the LT010 is applicable to uniform, clothing or linen fabrics processed in **industrial laundries and in 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

Technical specifications

Application	Fabric
IP rating	68
Dimensions	68 x 20 x 1.6 mm
Material	Fabric
Weight	1.3 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/cm2)
Storage temperature	-40°C ~ +80°C

Customisation

Colour	White
Type of printing/numbering	Thermography

