



LT011 is a **fabric** RFID tag. Rectangular in appearance, it can be applied by inserting it into the seam of the garment to be identified. It **measures 55 x 12 x 1.6 mm**, weighs 1.1 gram, is white and can be customised with thermography.

LT011 is a label designed for industrial laundries and is resistant to up to 200 washes. Operationally, it is washable at a temperature of 90°C for fifteen minutes, in the

dryer it resists at 160°C for thirty minutes and is ironable at 200°C for ten seconds. Finally, it tolerates the finishing tunnel at up to 185°C for half an hour and the industrial extractor at up to 60 Bar, i.e. 600 N/cm².

LT011 is available with two UHF chips: **MONZA 4QT and UCODE 8**. Furthermore, if this tag is read by a fixed RFID reader it reaches a distance of two metres, while if it is

identified by a handheld RFID it reaches one metre.

MARKETS

Thanks to its **IP68 rating**, the LT011 is optimally resistant to water jets and dust. Due to its special design, this label is applicable to uniform, clothing or linen fabrics handled 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

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/cm2)
Storage temperature	-40°C ~ +80°C

Customisation

Colour	White
Type of printing/numbering	Thermography

