



LT008 is an RFID tag composed of a **fabric part** and a **silicone part**. Rectangular in shape, it is sewn into the seam of the garment to be identified. Its dimensions are 65 x 16 x 2.7 mm, its colour is white and it is customizable with thermography. **LT008 can withstand up to 200 washes and can tolerate:** a temperature of **90°C for fifteen minutes, drying treatment up to 160°C for thirty minutes, and ironing up to 200°C** for a maximum of ten

seconds. Furthermore, if this tag is inserted in the finishing tunnel, **it can tolerate up to 185°C for half an hour**, and if it is placed in the industrial extractor, it can withstand a **pressure of 60 Bar, equivalent to 600 N/cm²**. Finally, the LT008 tag - available in UHF, with **MONZA 4QT and MONZA 4E** chips - has a reading distance of five metres when read by a fixed reader and two and a half metres when read by a handheld reader.

MARKETS

Featuring an **IP68** protection rating, the LT008 tag is highly resistant to dust and water. Its durability makes it well-suited for **textile applications in industrial laundries**, where it can be used **to track workwear, school uniforms, medical garments, and military apparel**. It also finds use in the **fashion industry**.



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	65 x 16 x 2.7 mm
Material	Fabric and silicone
Weight	1.6 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/cm ²)
Storage temperature	-40°C ~ +80°C

Customisation

Colour	White
Type of printing/numbering	Thermography

