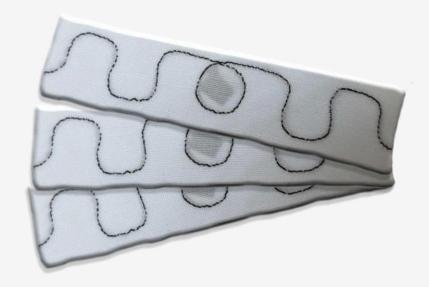
RFID LABEL LT008





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.

RFID LABEL LT008





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

Customisation	
Colour	White
Type of printing/numbering	Thermography

