



## TagMatiks **Heat-Seal** RFID Laundry Tag (70x15 mm)



Available On  
**RFID4u**  
Store

**Ordering Information**  
SKU: TRI-LTHS-7015

Designed for durability in rigorous laundry environments, the Tagmatiks HeatSeal version is ideal for quick and permanent attachment of tags on textile items through heat sealing, especially in high-volume commercial laundries.

We also offer an optional fabric pouch that can be used to insert our tag in it and then sewn onto textile items. Please contact us for MRI-compatible version

### **Advantages & Features:**

- Rugged Construction for Textile Operations
- Tested for over 200 washing cycles with water extractors up to 60 bar
- Permanent and Quick Attachment
- stable and reliable RF performance
- Accurate identification and tracking of textile items

#### Frequency

865 - 868 MHZ (ETSI)

902 - 928 MHZ (FCC)

### **Applications:**

- Industrial laundry services
- Uniforms and Workwear Management
- Medical apparel management
- Hospital linen tracking
- Military clothing management
- Personnel patrol management
- Hotel linen management
- Gym towel management
- Spa and wellness center robes & linens
- Sports team apparel

# Specifications

Compliance	EPC Class1 Gen2, ISO18000-6C
Frequency	ETSI - 865-868MHz, FCC - 902-928MHz
Chip	NXP U9/U9xe
Memory	NXP U9 - EPC - 96bits,USER - NIL   NXP U9xe - EPC - 128bits,USER - NIL
Read/write	Yes
Cycle Endurance/Data Retention	100,000/ 20 Years @ Tamb ≤ 55 °C
Read distance	Up to 5.5 meters (ERP=2W)
Dimension (LxWxH mm)	70 x 10 x 1.5 mm / 2.756 x 0.398 x 0.059 inch
Weight	~ 0.6g
Assembly method	Heat sealing under 215°C@12-15 seconds, 0.6 MPa~0.8 MPa /inserted inside pouch
Storage Temperature	-40°C~ +85°C / -40F~ +185 F
Max. Temperature	220 °C( 428°F) / 30 seconds
Tunnel Washer	90°C(194°F), 15 minutes, 200 cycles
Pre-drying in Tumbler	180°C(320°F), 30minutes
Sterilization Process	135°C(275°F), 20 minutes
Ironer	180°C(356°F), 10 seconds, 200 cycles
Water Extractor	Up to 60 bars
Chemical Resistance	All standard chemicals used in the laundry process
Warranty	200 wash cycles or 2 years from shipping date (whichever comes first)



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NEED HELP WITH YOUR SOLUTION OR MORE DETAILS? CONTACT US!

Location

📍 Level 5, Estel House Plot  
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Haryana, India

Contact

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