

# Primo1D

The E-Thread™ company

## E-STRIP W

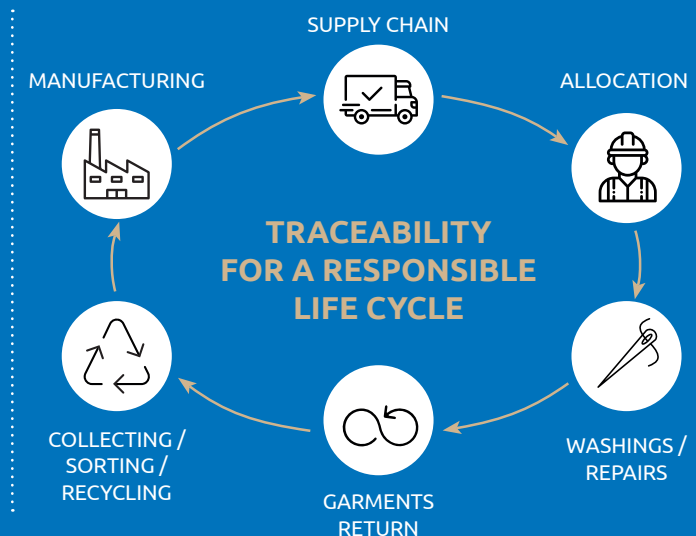
**E-STRIP W** IS A TEXTILE RIBBON EQUIPPED WITH A UHF RFID TAG, WASHABLE, WITH A NEGLIGIBLE CARBON FOOTPRINT.

The **RFID strip** is seamlessly **embedded at manufacturing stage into corporate wear, work clothing and PPEs** making it non-removable. It addresses **identification and traceability stakes** along with **circular economy** deployment.

## WORKWEAR & CIRCULAR ECONOMY

### E-STRIP W GENERATES :

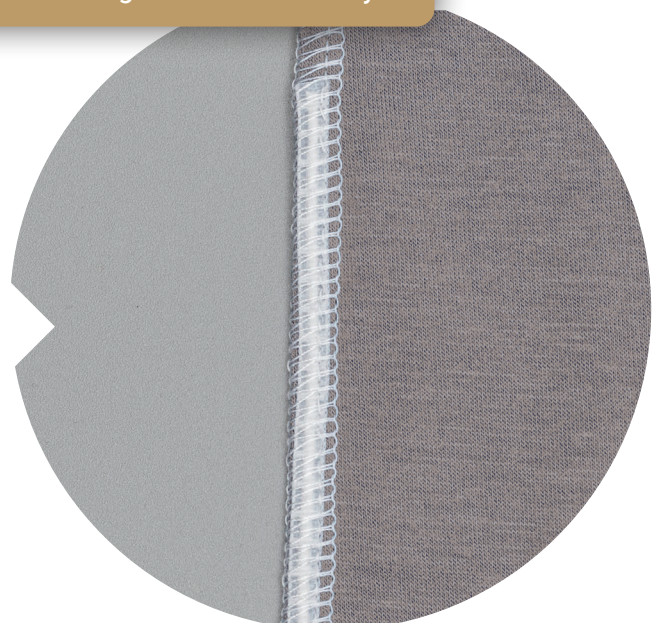
- **Optimized time, labour and cost** by quick garments mass and remote reading
- **Loss prevention** through unique digital ID
- **Comfort and wearability for end-users** due to its small size, flexibility and textile material
- **Implementation of sustainable practices** for resources conservation in compliance with regulations



The E-Strip W embedded tag connected to the cloud guarantees access to product data throughout its entire life cycle

## INTEGRATION

The strip is sewn with tailormade press foot into the overlock of garments, making it imperceptible.



# PRODUCT INFORMATION

## E-STRIP W

Front : 4mm | 140 mm

Thickness : 0,6mm | 1,5 mm

■ **INTERNATIONAL STANDARD**  
ISO/IEC 18000-63 Type C, EPC Gen2

■ **CHIP RFID**  
Impinj M730

■ **ANTENNA DESIGN**  
Straight

■ **EPC MEMORY**  
Up to 128 bits

■ **TID**  
96 bits of serialized TID with 48 bits serial number

■ **EU RoHS 2 (DIRECTIVES 2011/65/EU AND 2015/863)**  
Compliant

■ **WEIGHT**  
0.13 g

■ **OUTER COVER LAYER**  
Polyamide 66

■ **COLOR**  
White

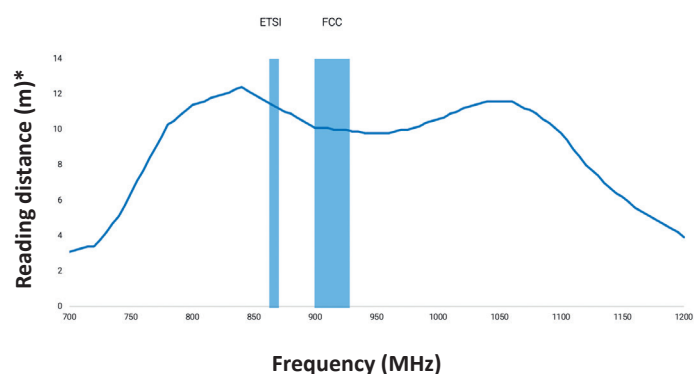
■ **PACKAGING**  
Individual tag / Pre-cut spool

## PRODUCT PERFORMANCES

■ **READING DISTANCE**  
Up to 12 meters

■ **OPERATING TEMPERATURE**  
-40 °C to 85 °C / Write operation at 65°C max

■ **WASHING STANDARDS**  
100 cycles domestic washing - ISO 6330



\*The graph is for indicative purpose, performance may vary according to actual applications and specific environmental conditions.



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