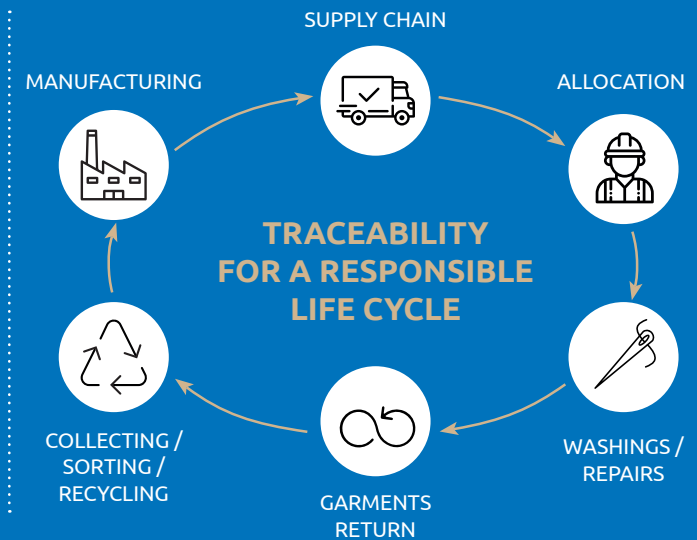# Primo1D

The E-Thread™ company

E-STRIP Ws

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

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

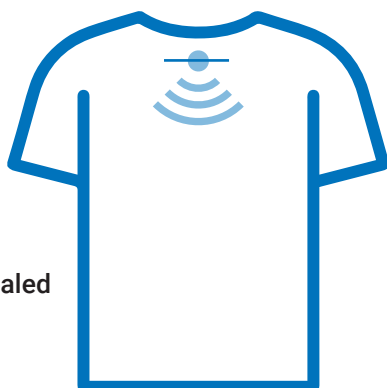## WORKWEAR & CIRCULAR ECONOMY

E-STRIP Ws GENERATES :

- **Optimized time, labour and cost** by quick garments mass reading

- **Loss prevention** through unique digital ID

- **Comfort for end-users** due to its small size

- **Implementation of sustainable practices** for resources conservation in compliance with regulations

TRACEABILITY FOR A RESPONSIBLE LIFE CYCLE

SUPPLY CHAIN

MANUFACTURING

ALLOCATION

WASHINGS / REPAIRS

GARMENTS RETURN

COLLECTING / SORTING / RECYCLING

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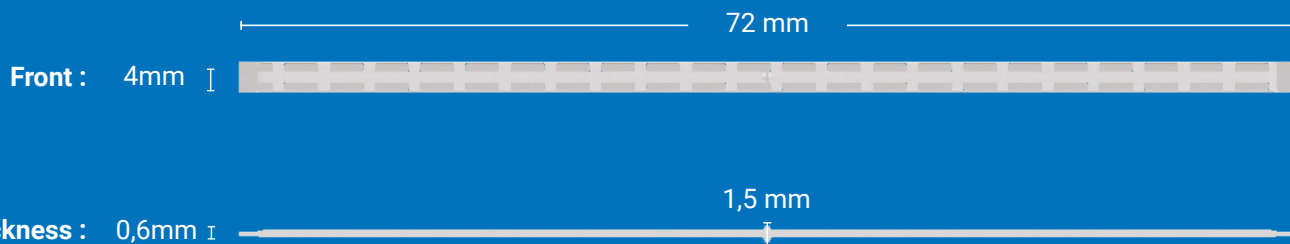
INTEGRATION

The strip is heat-sealed under the label making it imperceptible.

PRODUCT INFORMATION
E-STRIP Ws

Front : 4mm

72 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**
0.08 g

■ **OUTER COVER LAYER**
Polyamide 66

■ **COLOR**
White

■ **PACKAGING**
Individual tag

PRODUCT PERFORMANCES
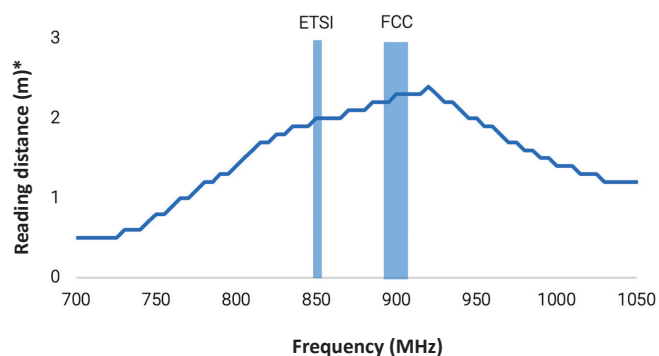
■ **READING DISTANCE**
Up to 2 meters

■ **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.*

Reading distance (m)*

ETSI   FCC

Frequency (MHz)

SOCOTEC   ISO 9001

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Primo1D
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