

## LAUNDRY TEXTILE UHF 8022



Global Tag Laundry Textile UHF **80x22mm** is a RFID UHF laundry tag, designed to resist to the harshest washing processes, as high temperature washing, drying, ironing, water extractor and autoclave. The product is available in 2 versions: the sewable model and the heat- sealable model, which differ in the way they are mounted This RFID tag is suitable for the unique identification of garment in industrial laundry environments.

### MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

**Dimensions:** 80x22x1,5 mm

**Weight:** 0,7 gr

**Material:** Textile

**Color:** Generally white – It is available also with printing (MOQ)

**Class Protection:** IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

**Washing:** 90°C(194°F), 15 minutes, 200 cycles

**Drying:** 180°C(356°F), 3minutes

**Ironing:** 180°C (356° F), 10 seconds, 200 cycles

**Water Extraction Pressure:** up to 60 bars, 80 seconds

**Chemical resistance:** Detergent, Softener, Bleach (Oxygen/ Chlorine), Alkali \*4

**Autoclave air removal:** 100°C (212°F), 5 minutes, 0,1 bar

**Autoclave sterilizing:** 134°C (273°F), 10 minutes, 3,25 bar

**Autoclave drying:** 45°C (113°F), 15 minutes, 0,2 bar

**Delivery format:** Individual

## CHIP SPECIFICATION AVAILABLE:

|                        |   |
|------------------------|---|
|                        | <b>UHF 860-960MHz</b>                                     |
| Device type            | Class 1 Gen 2   |
| Air interface protocol | ISO18000-63   |
| IC Type Available      | Ucode8, U-Code9, others on request                        |
| Size Inlay             | 70x10 mm  |
| Read Range             | Up to 4 m (fixed reader)<br>Up to 1,5 m (Handheld reader) |

## INSTALLATION MODE:

**Sewing** (sewable version)

**Heat-sealing:** 215°C@12-15 seconds (heat-sealable version)

## APPLICATION MODE:

**Laundry Application:** Laundry Textile-HS UHF can be used to track clothes/uniforms/shoes during the washing process, withstanding the hardest conditions.

## ORDER INFORMATION:

### PRODUCT CODE:

GT-TXTLY8022-UHF (sewable model)

GT-TXTLY8022\_HS-UHF (heat sealable model)

For the realization of transponders with different colors or with other kind of customization, please contact us at any time:

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