

PRODUCT DATASHEET

GLOBAL TAG 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: Fabric material

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

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product’s final suitability for certain environmental conditions is recommended to be tested. We are available for other information.

CHIP SPECIFICATION AVAILABLE

	UHF 860-960MHz
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) Up to 1,5 m (Handheld reader)



INSTALLATION MODE

Sewing (sewable version)

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

APPLICATION NOTE

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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DISCLAIMER

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Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

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