

**PRODUCT DATASHEET**

**GLOBAL TAG LAUNDRY TEXTILE UHF**



Global Tag **Laundry Textile UHF** is a RFID UHF laundry tag, designed for applications in which strong washing process is needed and with sewing application.

Work with high pressure (up to 60bar) and can be used in all laundry application, dry cleaning and sterilizations.

Available in UHF frequency, it can be read up to 6 meters (fixed reader).

Different sizes (also custom) are available



**MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS**

**Dimensions:** different sizes available

**Weight:** 0,7 gr.

**Material:** Textile 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)

**Storage Temperature:** -40°C to +85°C / -40°F to +185°F

**Delivery format:** Singulated

**Water Extraction Pressure:** up to 60 bars

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

**Washing Methods:** Laundry, Dry cleaning or high-temperature sterilization

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

**Drying:** 160°C(320°F), 30minutes

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

**Tunnel Finisher:** 185°C 30 min

**Medical Sterilization Process:** 135°C (275°F), 20 minutes

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	Monza R6P
Size Inlay	Different size available
Read Range	Up to 6 m (fixed reader) Up to 3m (Handeld reader)



## INSTALLATION MODE

**Heat Sealing:** Sealing

## APPLICATION NOTE

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

## ORDER INFORMATION

**PRODUCT CODE:** GT-TXTLY-UHF

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

**Global Tag Srl** – Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S [global-tag](mailto:global-tag)

W [www.global-tag.com](http://www.global-tag.com)

M [sales@global-tag.com](mailto:sales@global-tag.com)

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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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