

LAUNDRY TEXTILE UHF 8022



Global Tag **Laundry Textile UHF 80x22mm** is a robust RFID UHF laundry tag specifically designed to withstand the demanding conditions of industrial laundry processes. Its durable construction ensures reliable identification during repeated high-temperature washing, drying, ironing, water extraction and autoclave cycles.

The tag is available in two different versions: a sewable model and a heat-sealable model, allowing the most suitable installation method to be selected according to the type of garment and operational requirements.

Laundry Textile UHF 80x22mm is particularly suitable for the unique identification and tracking of garments, uniforms, workwear and other textile items in industrial laundry environments, supporting efficient textile management throughout repeated washing cycles.

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:

	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 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:

Standard product is made with Alien Higgs3 chip

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:

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

P +39 030 2005259

S global-tag

W www.global-tag.com

M info@global-tag.com

DISCLAIMER:

The information in this document is subject to change without notice. Global Tag assumes no responsibility for any errors that may appear in this document. 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. Global Tag Srl or its subsidiaries are not responsible for the performance or support of third party products and does not make any representations or warranties whatsoever regarding quality, reliability, functionality, or compatibility of these devices or products.

© Copyright 2025 - Global Tag Srl