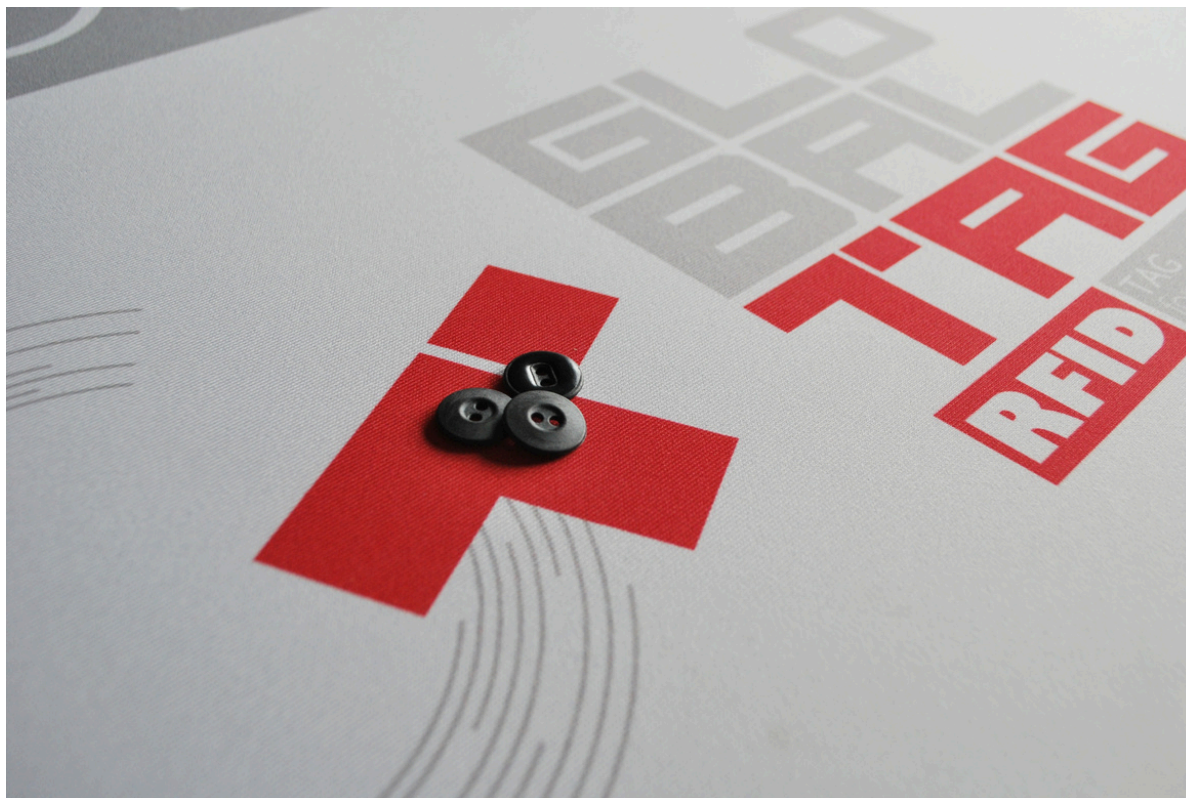


DISKY UHF 18MM LAUNDRY



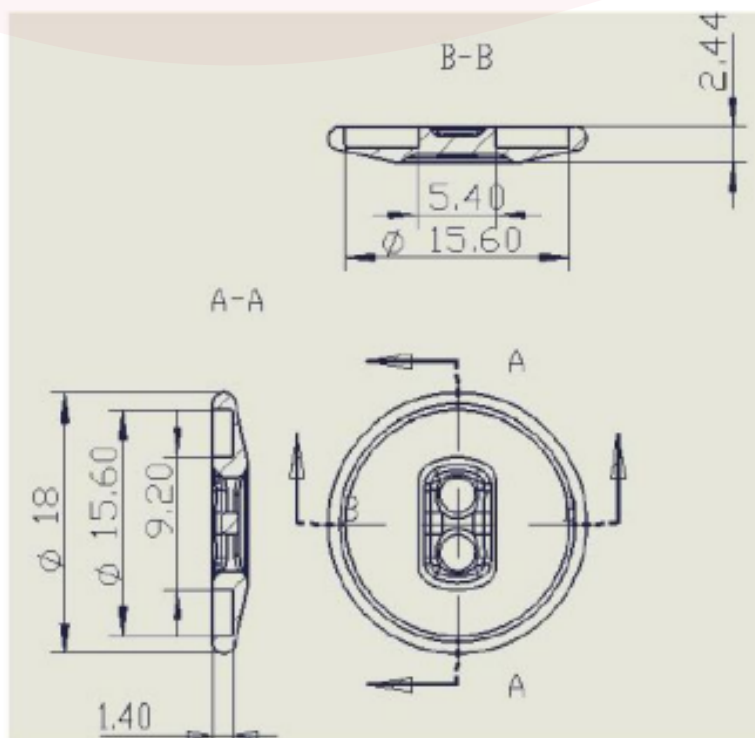
Global Tag **PPS Disk UHF 18mm Laundry Tag** is a compact and durable RFID UHF tag specifically designed for applications involving intensive and repeated washing processes. Its PPS construction makes it suitable for demanding laundry environments where resistance and reliable identification are required.

Thanks to the two integrated mounting holes, the tag can be easily sewn onto garments and textile items using a standard button fastening machine, providing a secure and practical installation method.

Available in UHF frequency, PPS Disk UHF 18mm Laundry Tag can reach a reading distance of up to 1 meter with a fixed RFID reader, making it suitable for garment identification and tracking in industrial laundry applications.

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS:

Dimensions: Dia.18mm, Thickness 2.44mm (tolerance from 0mm to +0.3mm) With two holes to tighten tag on fabric, hole dia.2.5mm



Weight: 1,5 gr.

Material: PPS and Epox

Color: Generally black – It is available also with other color (MOQ)

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

Storage Temperature: -40°C to +180°C / -40°F to +356°F

Operating Temperature: -10°C to +120°C / -14°F to +248°F

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

Water Extraction Pressure: up to 20 bars

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

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

Washing Cycles: more than 250 wash cycles or three years

Washing: 90°C 15 min

Drying: 160°C 30 min

Ironing: 200°C 10 sec

Tunnel Finisher: 185°C 3 min

CHIP SPECIFICATION AVAILABLE:

	UHF 860-960MHz
Device type	Class 1 Gen 2
Air interface protocol	ISO18000-63
IC Type Available	Monza 4 QT
Size Inlay	15 mm
Read Range	Up to 1 m (fixed reader) Up 50 cm (Handeld reader)

INSTALLATION MODE:

Sewing

APPLICATION MODE:

Laundry Application: PPS 18mm UHF Disk can be used to track clothes/uniforms/shoes during the washing process, withstanding the hardest conditions.

ORDER INFORMATION:

PRODUCT CODE:

GT-DSKY_B18-M4QT

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

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