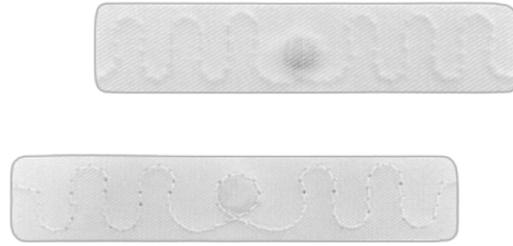# IDT RFID TEXTILE TAGS
IDT TEX 7015

UHF **Low Cost** **IP 68** **Washable**

ID Tech's RFID Textile Sew-In Fabric Tag is a versatile and innovative solution for laundry applications. This tag can be easily integrated into any type of textile material, including clothes, bed linens, and towels. The RFID technology allows for accurate and real-time tracking of the laundry items, making it easier to manage the inventory and ensure the proper washing and drying processes. The tag is also durable and long-lasting, ensuring that it can withstand the harsh conditions of the laundry environment. This versatile tag is a must-have for any laundry service looking to streamline their operations and improve efficiency. Whether for personal or commercial use, the RFID Textile Tag is the perfect solution for tracking and managing laundry items.
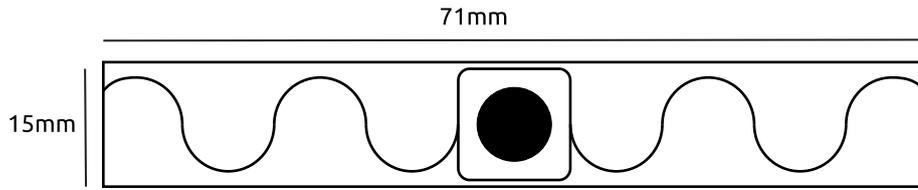
PHYSICAL PARAMETERS

Dimensions	70mm x 15mm
Weight	8 gm ± 1
Encasement / Material	Textile
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	Washing: 90°C, 15 minutes, 200 cycle | Pre-drying in Tumbler: 180°C, 30minutes
	Ironer: 180°C, 10 seconds, 200 cycles | Sterilization Process: 135°C, 20 minutes
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Sealing	IP 68
Lifetime	Up to 200 Washes
Attachment	Heat Sealing, Sewing

IDT RFID TEXTILE TAG DIMENSION

71mm

15mm

UHF PERFORMACE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range with Fixed Reader	Up to 6m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 4m (Reader & Chip Dependent)

PERSONALIZATION

Pre-Encoding	Customer Specific Encoding of EPC
Customized Printed	Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc.

ORDER INFORMATION

Part No.	IDT.RF.T.TEX.7015.BL (Blank)

APPLICATION AREA

Retail	e-commerce	Logistics	Supply Chain	Laundry