

# RFID E-THREAD TAG

## IDT ETH 15025



UHF



Low Cost



IP 68



Washable

The RFID E-thread tag provided by ID Tech is a versatile and cost-effective solution for a wide range of applications. The tag is designed to be easily integrated into textiles, making it ideal for use in the fashion and clothing industry. It can also be used for supply chain management and inventory control, allowing for efficient tracking of goods and products. In addition, the tag can be used for access control and security, providing secure identification and authentication for individuals and assets. With its compact size, low-cost, and durability, the RFID E-thread tag is a popular choice for businesses and organizations looking for a reliable and flexible solution for their identification and tracking needs.

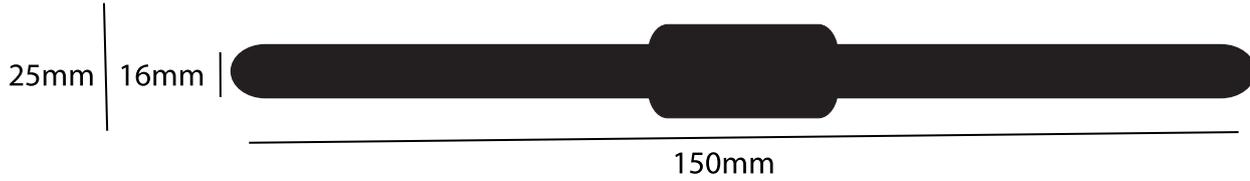
### PHYSICAL PARAMETERS

<b>Dimensions</b>	150mm x 25mm x 16mm
<b>Weight</b>	6 gm $\pm$ 1
<b>Encasement / Material</b>	Silicon
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATIONS

<b>Operating Temperature</b>	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
<b>Storage Temperature</b>	-40°C to +85°C
<b>Chemical Resistance</b>	Resistant To Chemical Solvent and Moisture
<b>Shock &amp; Vibration</b>	MIL STD 810-G
<b>Sealing</b>	IP 68
<b>Lifetime</b>	Up to 100 Washes
<b>Attachment</b>	Heat Sealing, Encapsulation

# IDT RFID E-THREAD TAG DIMENSION



## UHF PERFORMANCE

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

## PERSONALIZATION

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

## ORDER INFORMATION

<b>Part No.</b>	IDT.RF.T.ETH.15025.BL (Blank)
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## APPLICATION AREA



Retail



e-commerce



Logistics



Supply Chain



Laundry



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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