

# UHF RFID TYRE SPRING TAG

## IDT TST



The RFID Tyre Spring Tag (IDT TST) is specifically designed to be embedded into the tire mold before the manufacturing and curing process. It serves as an ideal solution for tire identification and tracking, ensuring seamless integration into the tire production workflow. With its durable construction and advanced RFID technology, the IDT Tyre Spring Tag enables efficient and accurate tire management from the earliest stages of manufacturing.

### PHYSICAL PARAMETERS

<b>Dimension</b>	Custom Size Available
<b>Weight</b>	± 2g
<b>Encasement / Material</b>	SS Spring
<b>Packaging</b>	Premium Plastic Packing

### ENVIRONMENTAL SPECIFICATION

<b>Operating Temperature</b>	-40°C to +85°C
<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>Attachment</b>	Encapsulation
<b>Sealing</b>	IP 68

## RFID PERFORMANCE

<b>Working Frequency</b>	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
<b>Standard Protocol</b>	EPC C1 GEN2, ISO 18000-6C
<b>Chip Type</b>	"Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P,UCODE 7/8 chip"
<b>EPC Memory</b>	Chip Dependent
<b>TID Memory</b>	Chip Dependent
<b>Read Range Fixed Reader</b>	Up to 8m (Reader & Chip Dependent)
<b>Read Range 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.TST.BL (Blank)
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## APPLICATION AREA



Inventory



Automotive



Warehouse



Industrial Applications



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)  
E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



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