

# UHF RFID TYRE PATCH (XLARGE)

## IDT TPXL



The RFID Tyre Patch Tag (IDT TPXL) is a versatile and durable RFID tag designed for tire patches. With a wide operating temperature range (-40°C to +85°C), resistance to chemicals and moisture, and IP68 sealing, it ensures reliable performance in various environments. Compatible with multiple chip types and offering a read range of up to 6m, the IDT TPXL enables efficient tire tracking and management.

### PHYSICAL PARAMETERS

<b>Dimension</b>	157mm x 109mm x 5mm (Custom Size Available)
<b>Weight</b>	38g ± 2
<b>Encasement / Material</b>	Vulcanised Rubber
<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>	Adhesive Backing For Easy Mounting
<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 6m (Reader & Chip Dependent)
<b>Read Range Handheld Reader</b>	Up to 2m (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.TPXL.BL (Blank)
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## APPLICATION AREA



Inventory



Automotive



Warehouse



Industrial Applications



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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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