

UHF RFID TYRE PATCH (Large)

IDT TPL



The RFID Tyre Patch Tag (IDT TPL) 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 3m, the IDT TPL enables efficient tire tracking and management.

PHYSICAL PARAMETERS

Dimension	132mm x 85mm x 5mm (Custom Size Available)
Weight	35g ± 2
Encasement / Material	Vulcanised Rubber
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Adhesive Backing For Easy Mounting
Sealing	IP 68

RFID PERFORMANCE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	EPC C1 GEN2, ISO 18000-6C
Chip Type	"Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip"
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range Fixed Reader	Up to 4m (Reader & Chip Dependent)
Read Range Handheld Reader	Up to 2m (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.TPL.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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