

# IDT RFID WIRE SEALS

High Performance RFID Seals



Seal Tags are UHF Gen2 Long Range Passive tags affixed on containers to enable identification from a range of 8m. They are widely deployed in aerospace, manufacturing, supply chain, logistics and retail due to their availability of easy attachment through rivets, adhesives and magnets. The tags prevent pilferage and thus help in maintaining the overall integrity.

## PHYSICAL CHARACTERISTICS

<b>Dimensions</b>	150mm * 25mm * 16mm
<b>Weight</b>	120gm ± 5
<b>Encasement / Material</b>	Aluminum + ABS or polystyrene in accordance with Restriction of Hazardous Substances (RoHS)
<b>Packaging</b>	Premium Plastic Packing

## RF SPECIFICATIONS

<b>Protocol</b>	ISO/IEC 18000-6C, EPC Global C1G2
<b>Operating Frequency</b>	865 – 868 MHz / 902 – 928 MHz
<b>Read Range Fixed Reader</b>	Up to 8m (Reader Dependent)
<b>Read Range Handheld Reader</b>	Up to 4m (Reader Dependent)
<b>IC Type</b>	Alien Higgs-3 /4, Monza 4/4QT/5/R6/R6P, UCODE 7/8 chip
<b>EPC Memory</b>	Chip Dependent
<b>User Memory</b>	Chip Dependent



## RFID RFID SEAL DIMENSION



### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +85 °C
IP Rating	IP66
Chemical Resistance	Resistant To Chemical Solvent and Moisture
Shock & Vibration	MIL STD 810-G
Attachment	Locking Mechanism

### 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.WRS.BL (Blank)
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### APPLICATION AREA



Aerospace



Manufacturing



Supply Chain



Logistics

Warehousing



Transportation

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