

IDT RFID BOLT SEAL

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

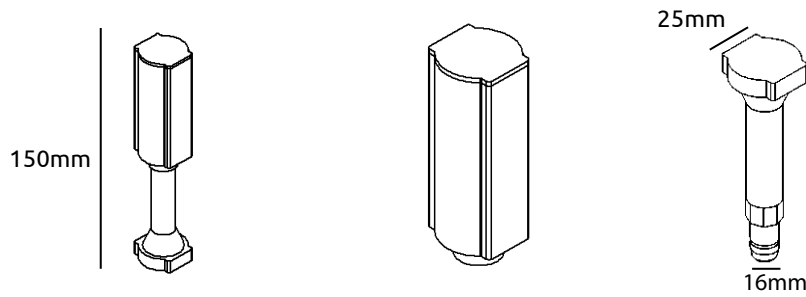
Dimensions	150mm * 25mm * 16mm
Weight	120gm ± 5
Encasement / Material	ABS/PC
Packaging	Premium Plastic Packing

RF SPECIFICATIONS

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



RFID RFID SEAL DIMENSION



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +85 °C
IP Rating	IP68
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.BLS.BL (Blank)
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APPLICATION AREA



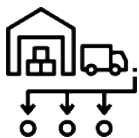
Aerospace



Manufacturing



Supply Chain



Logistics



Warehousing



Transportation

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