IDT RFID CYLINDER TAG
RFID Cylinder Tag

Cylinder Tags are forged as UHF Gen2 Long Range passive tags ideal for metallic cylinders. They are widely utilized to work seamlessly in harsh and hazardous environments. They offer adequate reading range for tracking cylinders. They are sturdy and handy which makes them worthy of deployment in diverse industries such as Warehouses, Hospitals.
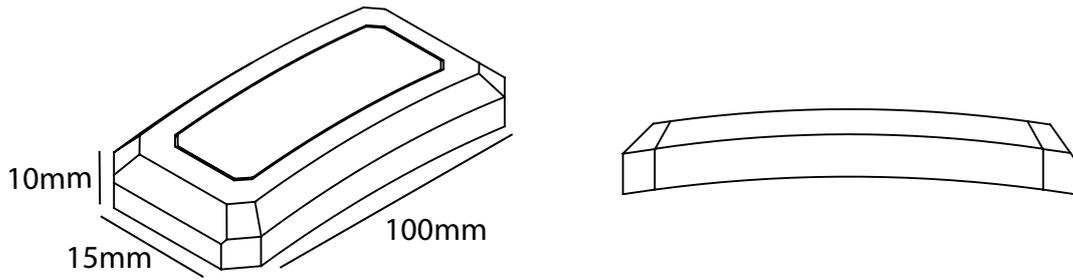
PHYSICAL CHARACTERISTICS

Dimensions	100mm * 15mm * 10mm
Weight	15gm± 1
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 8m (Reader Dependent)
Read Range Handheld Reader	Up to 4 metres (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

RoHS CE

RFID CYLINDER TAG DIMENSION

10mm
15mm
100mm

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	Adhesive, Magnets

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.CL.AI (Adhesive Indoor)
	IDT.RF.T.CL.AO (Adhesive Outdoor)

APPLICATION AREA

Healthcare

Hospitality

Logistics

Oil & Gas

Supply Chain

Transportation

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