UHF Mount On Metal Tag
IDT FERRIC™ 80

RFID
UHF   Low Cost   IP 68   Durable   Reusable

The IDT Ferric 80 is a versatile RFID tag designed for use in industrial logistics and manufacturing applications. Measuring 80mm x 22mm x 5.5mm, this tag is larger than other RFID Ferric tags available with ID Tech, but offers a read range of up to 10 meters, depending on the specific setup and environment. One of the key features of the IDT Ferric 80 tag is its ability to be mounted in a variety of ways. The IDT Ferric 80 tag is ideal for on-metal asset tracking. It can help improve efficiency and accuracy in a variety of tracking and management applications, particularly in industrial logistics and manufacturing settings.
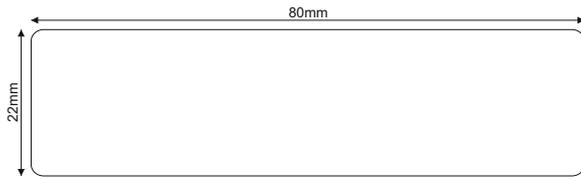
PHYSICAL PARAMETERS

Dimensions	80mm x 24mm x 11mm
Weight	10gm ± 2
Encasement / Material	ABS/PVC
Packaging	Premium Plastic Packing

ENVIRONMENTAL SPECIFICATIONS

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, Magnets
Sealing	IP 68

FERRIC 80 DIMENSION

UHF PERFORMACE

Working Frequency	865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)
Standard Protocol	ISO/IEC 18000-6C, EPC Class 1 Gen 2v2
Chip Type	Alien Higgs-9, Impinj M700/800 Series, UCODE 9 chip
EPC Memory	Chip Dependent
TID Memory	Chip Dependent
Read Range with Fixed Reader	Up to 8m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 4.5m (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.FE.80.BL (Blank)
	IDT.RF.T.FE.80.AI (Adhesive Indoor)
	IDT.RF.T.FE.80.AO (Adhesive Outdoor)
	IDT.RF.T.FE.80.MR (Magnets / Rivets)

APPLICATION AREA

Manufacturing   Aviation   Logistics   Supply Chain   Warehouse