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.
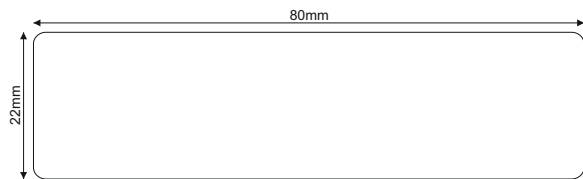
PHYSICAL PARAMETERS

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

80mm

22mm

UHF PERFORMACE

Working Frequency	860-960 MHz (ETSI), 902-928 MHz (FCC)
Standard Protocol	EPC Class 1 Gen2 (ISO18000-6C)
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 with Fixed Reader	Up to 10m (Reader & Chip Dependent)
Read Range with Handheld Reader	Up to 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