Flexible On-metal UHF RFID Label Product Datasheet

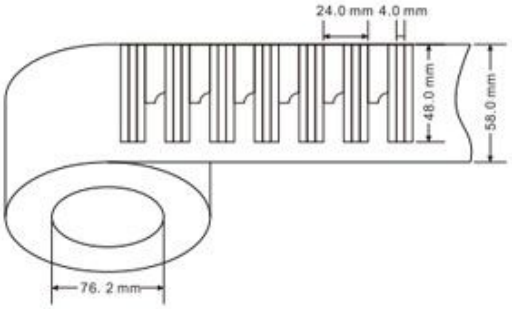
Model: F4804-1



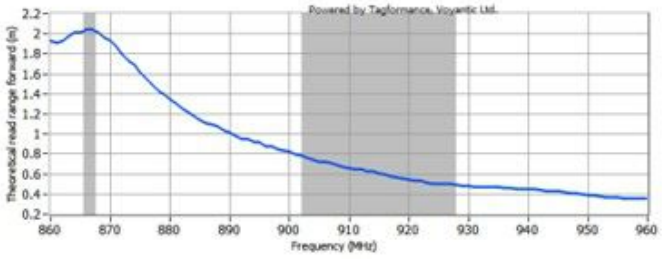
Flexible On-metal UHF RFID Labels are a cutting-edge solution designed for seamless application on metallic assets, including irregular and uneven surfaces. Constructed from thin, adaptable materials, these labels outperform traditional RFID tags by conforming effortlessly to flat, curved, or even liquid-containing metal surfaces. Their flexibility ensures reliable performance and superior durability, making them ideal for tracking a wide range of assets such as shelves, containers, electronics, and cosmetics.

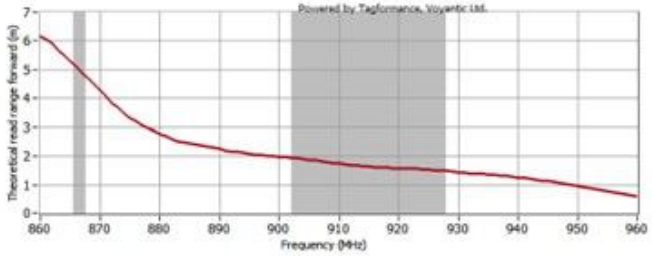
Like standard RFID labels, these tags can be printed and encoded using compatible RFID printers, allowing for easy customization with logos, barcodes, and other visual elements. This integration simplifies asset management workflows, enabling quick and efficient identification, tracking, and monitoring of valuable resources. Whether for industrial or commercial use, Flexible On-metal UHF RFID Labels provide a versatile and durable solution for optimizing asset management processes.

Dimensions:



Read Range:





Product Parameters

Mdoel	F4804-1
Material	PET/Aluminum Foil/Foam
Dimensions	48 x 4 x 1 mm（L x W x T）
Working Temp	-40~+85℃
Storage Temp	-40～+100℃

IP Rating	IP68, test for 5 hours at 1m deep water
RFID Standard	EPC C1G2 (ISO18000-6C)
Chip Type	NXP Ucode 8
Memory	User -N/A; EPC - 128 bits; TID - 96 bits
Read Range(Fixed Reader)	ETSI: 2.0m, on metal; 5.0m, on liquid
Data Storage	> 10 years
Re-write	100000 times
Installation	Adhesive
Support Printer	SATO CL4NX, Zebra ZT410 Silverline, Postek TX3r, etc.
Customization	Logo, parcoge/QR coae, number printing, encoding, antenna design, etc.
Package	Reel core inner diameter: 76.2 mm / 3" , Outside diameter < 220 mm / 8.7", 1000pcs/roll.
Application	Wine & Beverange tracking | Cosmet10c&Beauty Products tracking Warehouse shelf Management | IT asset tracking, etc.

Application







