



Product Overview

UHF High Temperature RFID Label designed for Industrial Traceability The OR-HT Series UHF High Temperature RFID Label is specially engineered for applications exposed to elevated temperatures during manufacturing, painting, sterilization, and industrial processing. Manufactured using high-performance polymerize materials and heat-resistant adhesives, the label ensures reliable RFID performance in harsh environments where conventional labels fail.

Technical Specifications

Item	Specification
Frequency	860–960 MHz
RFID Protocol	EPC Class 1 Gen2v2
Standard	ISO/IEC 18000-63
Chip	IMPINJ M7/ NXP ucode 8/ Higgs9
EPC Memory	96–496 bits
User Memory	According to chip
TID Memory	According to chip
Read Range	Up to 12 m (reader dependent)
IC Retention	50 Years
Write Cycles	100,000



Applications :



Powder Coating



Paint Shop



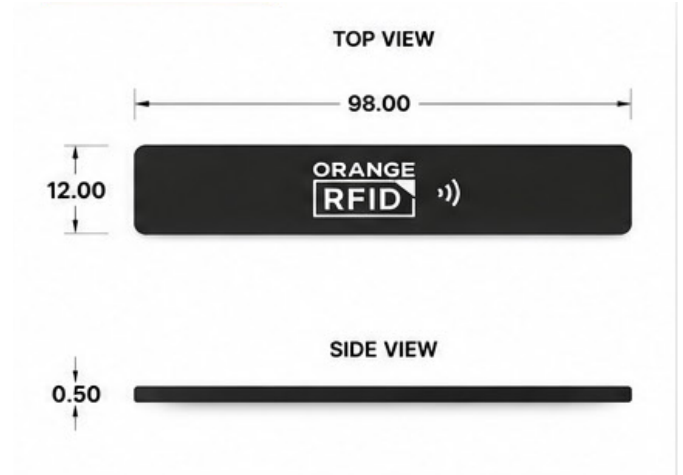
Engine Parts





Physical Specifications

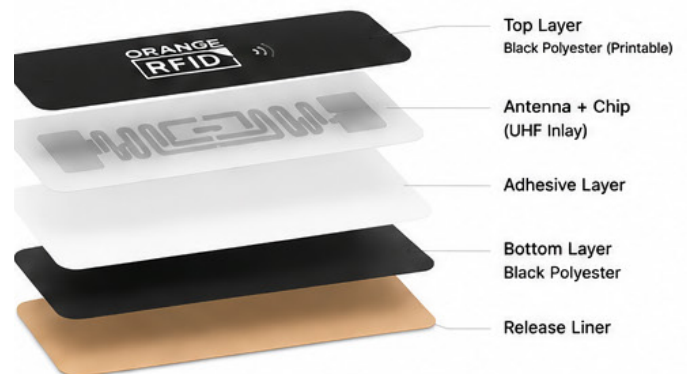
Item	Specification
Label Size	98x 12 mm
Face Material	PET/ Foam
Adhesive	Acyclic Adhesive
Liner	Glossiness
Thickness	0.50 micron
Color	Black
Printing	THERMAL /UV based



Environmental Characteristics

Item	Value
Operating Temperature	-20°C to +150°C
Storage Temperature	-40°C to +85°C
Humidity	5–95% RH
IP Rating	IP67

Layers :



Packaging

Item	Specification
Tag/Roll	5000 Tags/roll
Carton Qty	Custom

