



UHF Thin On Metal Label

The UHF Thin On Metal Label is a High-performance UHF RFID label specifically engineered to deliver reliable performance when mounted directly on metallic surfaces. This label operates effectively with a very good read range when attached to metal surfaces ensuring accurate and efficient data capture in challenging industrial, IT asset, logistics and high-density metallic environments serving as a robust solution for complex industrial applications.

PHYSICAL PARAMETERS

Die Cut Size in mm	64 x 6 x 1
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	PET
Core Size	3"(76.2mm)

ELECTRICAL PARAMETERS

Working Frequency	865 -868 MHz
Standard Protocol	ISO 18000-6C and EPCglobal Gen2v2
Chip Type	NXP Ucode8
EPC Memory	128 bits
Data Retention	50 Years
Write Endurance	100,000 cycles
Read Range	Up to 3 Meters from a Fixed Reader Up to 1.5 Meter from a Handheld Reader

PERSONALIZATION

Encoding	Customer specific encoding of EPC
Printing	Customized logo, text, barcode etc.
Chip	Various Options Available, Depending upon Application
Adhesive	3M or Others (Depending upon volumes)

APPLICATION AREA



IT Asset
Tracking



Laptop
Tracking



Warehouse



Manufacturing



Metallic
Asset
Tracking