



Thin On Metal Label

Features

- Operates effectively with a very good read range when attached On Metal substrate
- Flexible label for curved surfaces
- Can be attached by adhesive on metal surfaces
- Can be printed or encoded
- Flexible Read/Write Range (reader dependent)

Applications

With innovative antenna design and customized printing compatibility, the Thin On Metal Label is ideal for applications such as:

- IT Asset Tracking
- Small Assets Tracking
- Metallic Asset Tracking

Physical

Die-Cut Size in MM	64 x 6 X 1 ± .25
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +85°C
Material	PET
IP Rating	IP 68
Attachment	Adhesive
Core Size	3" (76.2mm)

Electrical

Protocol	EPC Class 1 Gen 2
Antenna	Etched Aluminum
Operating Mode	UHF Passive
Operating Frequency	ETSI: 865-868 MHz FCC: 902-928 MHz
IC Type	NXP Ucode 8
Memory	TID : 96 bits EPC : 128 bits
Data retention	50 years
Write endurance	100,000 cycles
Read Range*	• Up to 3 Meter from a Fixed Reader • Up to 1.5 Meter from a Handheld Reader

* Read Range is based on ERP of reader antenna

Customization Options

Encoding	Serialized or Variable
Printing	Barcode, QR Code, Logo Etc.
Adhesive	3M or Others (Depending upon volumes)
IC	Various Options Available, Depending upon Application
Printer	1. Sato CL4NX 2. Zebra ZT 410