

## Pre-printed/Pre-encoded On Metal RFID Labels: 1.8" x 0.31"



### Ordering Information

SKU: TAG-EK-LBL-OM-18031

Frequency: 865-868 MHz (ETSI)



## 01 Why use On Metal Labels?

“RFID” stands for Radio Frequency Identification, which means RFID tags communicate through electro-magnetic waves. Certain materials, such as metal, can affect the performance of standard RFID tags. The TagMatiks On Metal Labels are thicker than regular RFID labels and are specifically designed to be placed on metal assets or items.

## 02 Why pre-printed/pre-encoded?

Leverage pre-printed and pre-encoded tags to simplify RFID tag and asset pairing (also known as commissioning) with TagMatiks. For ease of use, the same unique number is not only encoded into the RFID tag but also printed in human readable text and barcode formats.

## 03 When to use On Metal Labels?

The on-metal labels should be leveraged when tagging assets or items that have metallic composition.

### What can be tagged with On Metal Labels?

- Laptops
- IT Equipment
- Industrial Assets
- Tools
- Returnable Containers
- Machinery
- Camera Equipment
- And more!



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### Contact

+91 9205947800  
indiastore@rfid4ustore.in  
rfid4ustore.in

### Location

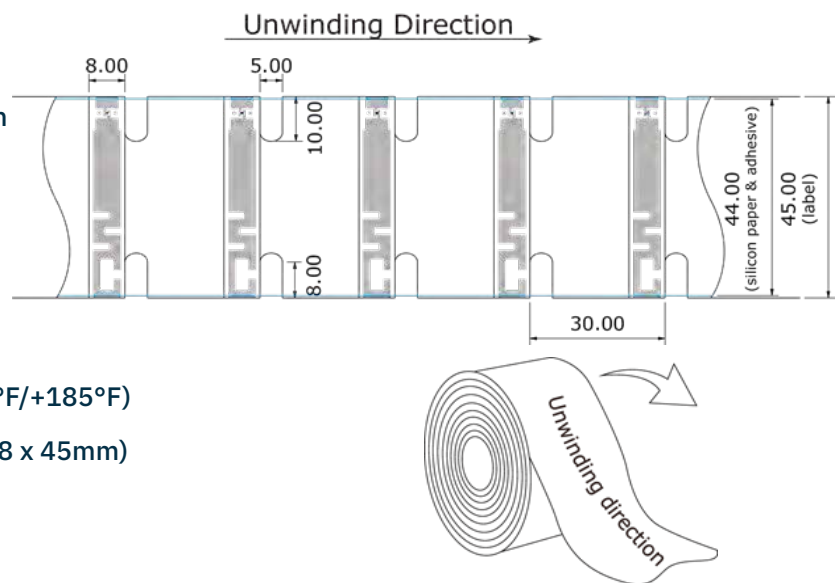
Level 5, Estel House Plot  
No.126, Sector – 44,  
Institutional Area,  
Gurugram – 122002,  
Haryana, India

### Radio Frequency Specification

|                     |   |   |
|---------------------|---|---|
| Air Protocols       | - | ISO 18000-63 and EPC global Gen2v2                  |
| Operating Frequency | - | 865-868 MHz (ETSI)                                  |
| IC Type             | - | Impinj Monza R6-P ( Optional: /M730/NXP Ucode9)     |
| EPC Memory          | - | 96 bits /128 bits                                   |
| User Memory         | - | 64 bits / 32 bits                                   |
| Read Range          | - | Upto 6 meter (Depending on IC Type and Environment) |

### Physical Specification

|                        |   |                              |
|------------------------|---|------------------------------|
| Attachment Method      | - | Adhesive                     |
| Operating Temperatures | - | -40°C/+85°C (-40°F/+185°F)   |
| Dimensions             | - | 1.8 x 0.31 inches (8 x 45mm) |



### Construction (Thickness: mm ; Total: +/-

|       |      |
|-------|------|
| 0.075 |      |
| 0.063 |      |
| 1.1   | chip |
| 0.06  |      |
| 0.07  |      |
| 0.11  |      |

Matte White PP with Adhesive (CXBRH9SDRS)  
Inlay  
Foam (3M1600T)  
AL+PET  
Low VOC Transfer Tape (TFV-502)  
Low VOC Silicon Paper (TFV-502)