

# MOUNT ON METAL WIDE LABEL

## IDT 7234ML



The IDT 7234ML, a specialized UHF On-Metal Thin Label designed for efficient tagging of metal surfaces and objects. Its thin, soft, and flexible structure makes it suitable for both curved and flat surfaces. These labels are EPC CLASS 1 GEN 2 certified, ensuring compatibility and optimal performance with thermal printers. With its excellent read-range of up to 8 meters, the IDT 7234ML delivers reliable and accurate data capture on metal surfaces.

### PHYSICAL PARAMETERS

|                              |                         |
|------------------------------|-------------------------|
| <b>Dimension</b>             | 72mm x 34mm x 01mm      |
| <b>Weight</b>                | 8g ± 2                  |
| <b>Encasement / Material</b> | PET/Aluminium Foil/Foam |
| <b>Packaging</b>             | Premium Plastic Packing |

### ENVIRONMENTAL SPECIFICATION

|                              |  |
|------------------------------|--|
| <b>Operating Temperature</b> | -40°C to +85°C                             |
| <b>Storage Temperature</b>   | -40°C to +120°C                            |
| <b>Chemical Resistance</b>   | Resistant To Chemical Solvent and Moisture |
| <b>Shock &amp; Vibration</b> | MIL STD 810-G                              |
| <b>Attachment</b>            | Adhesive / Rivets & Screws                 |
| <b>Sealing</b>               | IP 68                                      |

## RFID PERFORMANCE

|                                   |   |
|-----------------------------------|---|
| <b>Working Frequency</b>          | 865 – 868 MHz (ETSI) / 902 – 928 MHz (FCC)              |
| <b>Standard Protocol</b>          | EPC C1 GEN2, ISO 18000-6C                               |
| <b>Chip Type</b>                  | Alien Higgs-3 /4, Monza, 4/4QT/5/R6/R6P, UCODE 7/8 chip |
| <b>EPC Memory</b>                 | Chip Dependent  |
| <b>TID Memory</b>                 | Chip Dependent  |
| <b>Read Range Fixed Reader</b>    | Up to 8m (Reader & Chip Dependent)                      |
| <b>Read Range Handheld Reader</b> | Up to 4m (Reader & Chip Dependent)                      |

## PERSONALIZATION

|                           |   |
|---------------------------|---|
| <b>Pre-Encoding</b>       | Customer Specific Encoding of EPC                                     |
| <b>Customized Printed</b> | Customer Specific Layout Including Logo, Text, Numbers, Barcode, etc. |

## ORDER INFORMATION

|                 |  |
|-----------------|--|
| <b>Part No.</b> | IDT.RF.T.7234ML.BL (Blank)<br>IDT.RF.T.7234ML.WP (With Printing) |
|-----------------|--|

## APPLICATION AREA



Warehouse



Cosmetics



Manufacturing



Logistics &  
Supply Chain



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.  
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