

# [ Products ] you can identify with



## Fit 210 HT

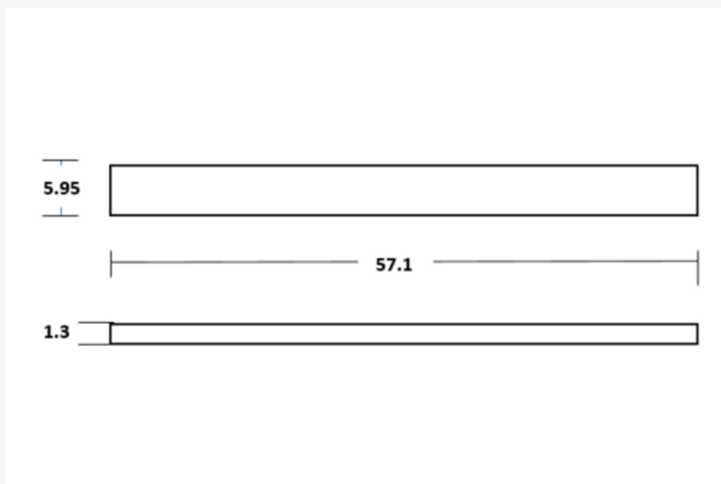
The Fit 210 is a High Temperature RFID tag capable of surviving cycling applications with temperatures to 225oC. Its narrow, low profile, small form-factor make the Fit 210 an ideal tag for integration within finishing processes, such as dipping, coating, heat shrinking and moulding in the harshest of environments.

### Applications

With its low profile and durable design, Omni-ID's Fit 210 tags are ideally suited to tool tracking and embedding applications such as:

- Hand tools, including wrenches and ratchet tools
- Integration within IT assets at point of manufacture
- Paint processes in automotive
- Healthcare — high temperature sterilization

### Dimensions



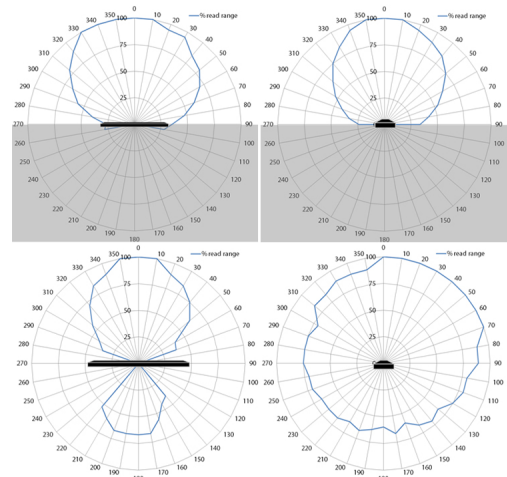
Measurements shown in mm

### Physical Specifications

<b>Material</b>	Lorem ipsum
<b>Size</b>	57.1 x 5.95 x 1.3 mm 2.25 x 0.23 x 0.05 in
<b>Weight (g)</b>	1.0
<b>Attachment</b>	Film adhesive (included) For placement only in applications exceeding +85c

Product dimensions shown above are the maximum. Batch to batch variation could be within 5%. Unspliced sections will be within 0.2mm tolerance.

### Radiation Patterns



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## Environmental Specifications

<b>Operating Temperature</b>	-20°C to +85°C
<b>Max Temperature Exposure</b>	-20°C to +225°C
<b>IP Rating</b>	IP68

### Certifications

CE, RoHS, Ex, ATEX/IECEX certified (option), US&Canada (C1D1/D2) certified (option)



## Operational Specifications

<b>Radio Protocol</b>	EPC Class 1 Gen2v2
<b>Frequency Range</b>	866 – 868 MHz (EU) 902 – 928 MHz (US)
<b>Read Range – Fixed Reader</b>	Up to 2m (6.6 feet)
<b>Read Range – Handheld Reader</b>	Up to 1m (3.3ft)
<b>Material Compatibility</b>	Metal
<b>IC Type (Chip)</b>	Alien Higgs 3
<b>Memory</b>	EPC - 96 bits User - 512 bits Unique TID - 64 bits

Quoted performance achieved using standard testing methodology on Aluminium test plates. Read range is dependent on multiple factors such as; RFID reader transmit power and receiver sensitivity, asset material and environment. Please see the Omni-ID On Metal Labels User Guide for more detail.  
2 EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

## Ordering Information

<b>Product Options</b>	303 (Customization) 304 (ATEX/IECEX certified) 307 (US&Canada [C1D1/D2] certified) 701 (Standard Service Bureau) *Label is not rated for high temperatures
<b>Part Number / Order Codes / Order Numbers</b>	123 (EU, US)