

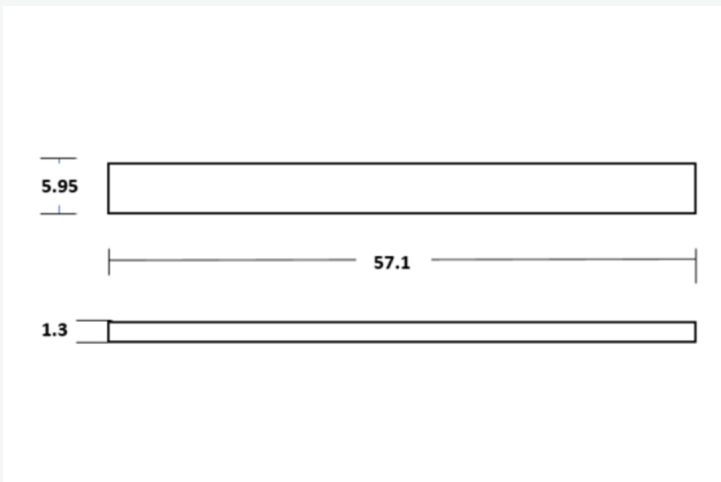
## [ Products ] you can identify with



### Physical Specifications

<b>Material</b>	Finish - red
<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

### Dimensions



Measurements shown in mm

## Fit 210 HT

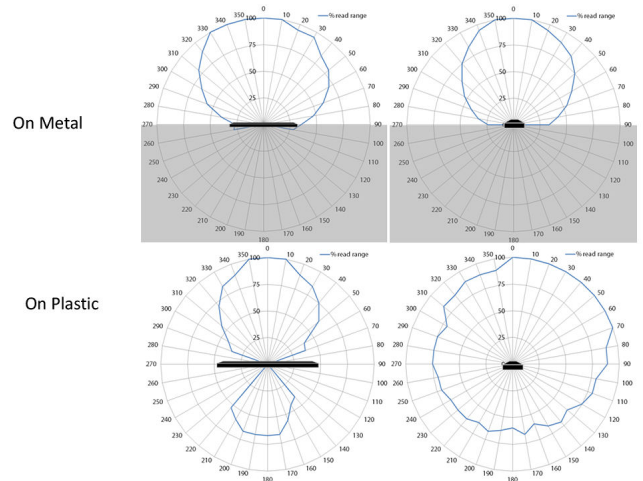
The Fit 210 is a High Temperature RFID tag capable of surviving cycling applications with temperatures to 225°C. Its narrow, low profile, small form-factor make the Fit 210 an ideal tag for integration within finishing processes, such as dipping, coating, heat shrinking and moulding in the harshest of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

### RF Specification

<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

EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

### Radiation Patterns



## [ Products ] you can identify with



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

### 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)



### 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)