

## [ Products ] you can identify with

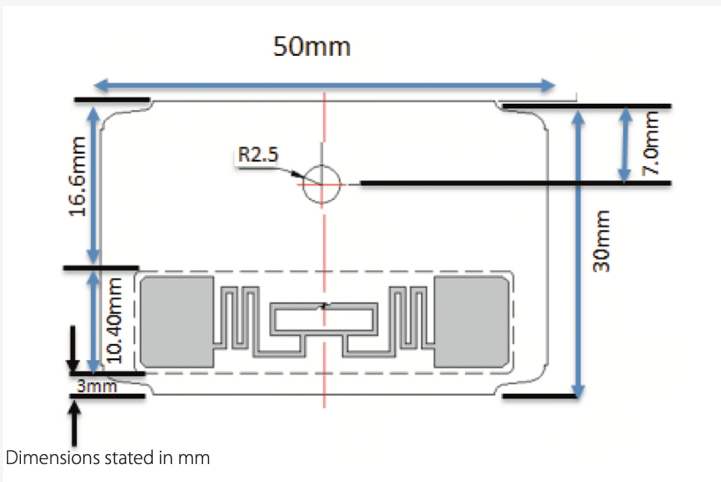


### Physical Specifications

<b>Material</b>	High Temperature Synthetic Label
<b>Size</b>	50 x 30 x 0.49 +/- 0.5 mm 1.97 x 1.18 x 0.02 +/- 0.02 in
<b>Weight (g)</b>	0.51
<b>Attachment</b>	Holes provided for mechanical attachment

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

### Dimensions



Dimensions stated in mm

Measurements shown in mm

## IQ 400P HT

Omni-ID IQ 400P HT is a high temperature, synthetic RFID hang tag ideally suited for single use applications and capable of surviving temperatures up to 230oC. Optimized for thermal barcode printers, the IQ 400P HT is designed to perform best in applications where the inlay of the tag hangs away from the metallic asset.

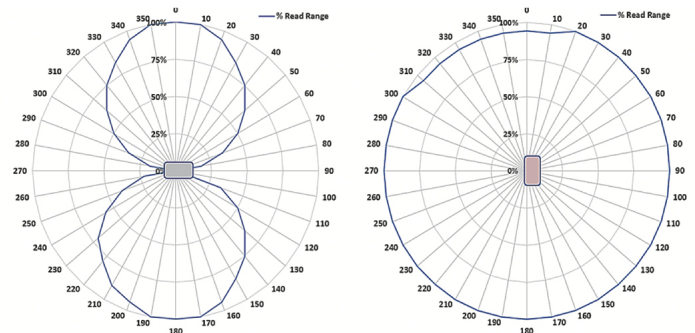
### RF Specification

<b>Radio Protocol</b>	EPC Class 1 Gen2v2
<b>Frequency Range</b>	860 – 960 MHz (Global)
<b>Read Range – Fixed Reader</b>	Up to 4m (13.1 feet)
<b>Read Range – Handheld Reader</b>	Up to 2m (6.5 feet)
<b>Material Compatibility</b>	Plastic and non metallic substrates
<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. EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

### Radiation Patterns

#### Off Metal



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With its high temperature capability, premium materials, and global frequency, the Omni-ID IQ 400P HT tags are ideally suited to:

- Manufacturing
- Automotive paint processes
- Electronics

### Environmental Specifications

<b>Operating Temperature</b>	-40°C to +85°C
<b>Max Temperature Exposure</b>	-40°C to +230°C
<b>IP Rating</b>	IP68

### Certifications

CE, RoHS, Ex



### Ordering Information

<b>Warranty</b>	1 year
<b>Product Options</b>	166 - GS :303 (Customization) :304 (ATEX/IECEX certified) :307 (US & Canada [C1D1/D2 certified]) :701 (Standard Service Bureau) (Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.)
<b>Part Number / Order Codes / Order Numbers</b>	166 - GS
<b>Supply Format</b>	1 roll
<b>Minimum Order Quantity</b>	Standard Label 1020 (1 roll includes 2% oversupply)

For product or technology inquiries email: [sales@omni-id.com](mailto:sales@omni-id.com).

Visit [omni-id.com](http://omni-id.com) to learn more about the complete line of **Omni-ID RFID** products