[Products] you can identify with
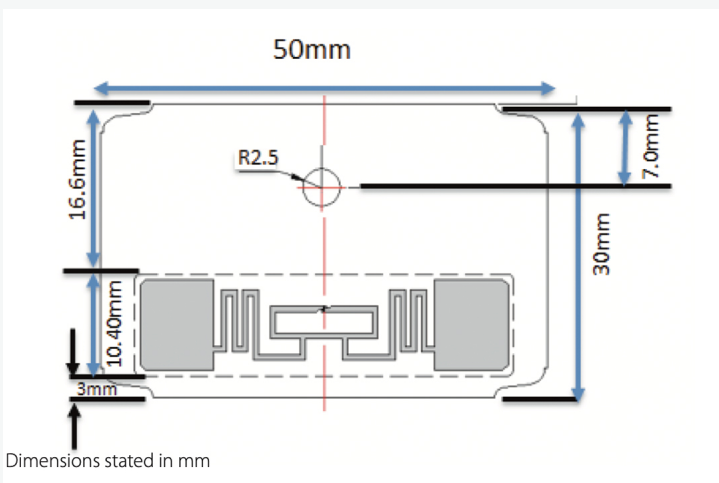

IQ 400P HT

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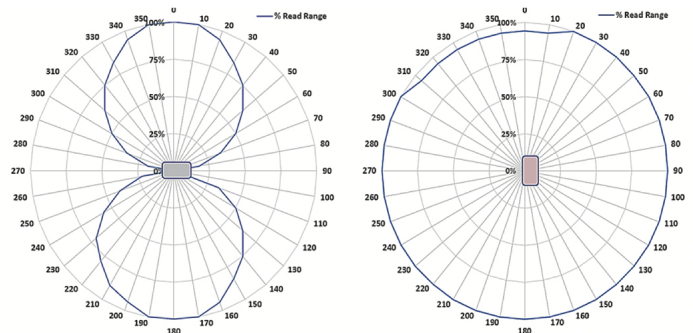
Physical Specifications	
Material	High Temperature Synthetic Label
Size	50 x 30 x 0.49 +/- 0.5 mm 1.97 x 1.18 x 0.02 +/- 0.02 in
Weight (g)	0.51
Attachment	Holes provided for mechanical attachment

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

RF Specification	
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	860 – 960 MHz (Global)
Read Range – Fixed Reader	Up to 4m (13.1 feet)
Read Range – Handheld Reader	Up to 2m (6.5 feet)
Material Compatibility	Plastic and non metallic substrates
IC Type (Chip)	Alien Higgs 3
Memory	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.

Dimensions

Dimensions stated in mm

Measurements shown in mm

Radiation Patterns

Off Metal

Omni-ID

part of **HID**

[**Products**] you can **id**entify with

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

- Manufacturing
- Electronics
- Automotive paint processes

Environmental Specifications

Operating Temperature	–40°C to +85°C
Max Temperature Exposure	-40°C to +230°C
IP Rating	IP68

Certifications

CE, RoHS, Ex

Ordering Information

Warranty	1 year	
Product Options	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.	
Part Number / Order Codes / Order Numbers	166 - GS	
Supply Format	1 roll	
Minimum Order Quantity	Standard Label	1020 (1 roll includes 2% oversupply)

For product or technology inquiries email: **sales@omni-id.com**.
Visit **omni-id.com** to learn more about the complete line of **Omni-ID RFID** products

Page 2 of 2 | Last Updated 6th July 2021