

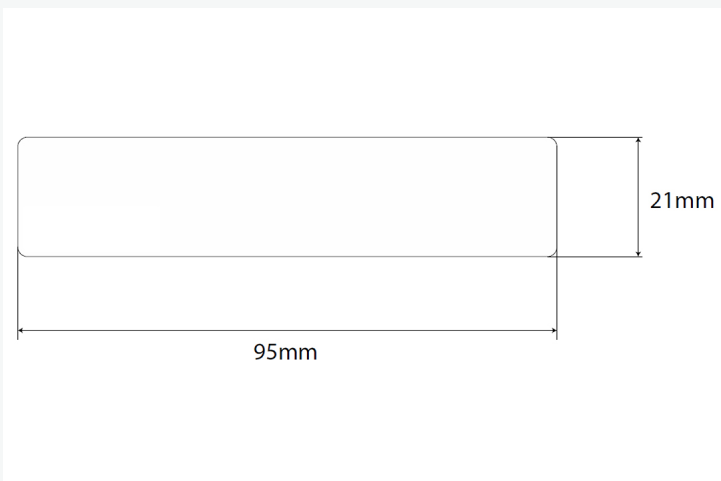
## [ Products ] you can identify with



### Physical Specifications

<b>Material</b>	Premium Synthetic Label
<b>Size</b>	95 x 21 x 0.24 +/- 0.5 mm 3.74 x 0.83 x 0.0095 +/- 0.02 in
<b>Weight (g)</b>	0.50
<b>Attachment</b>	Self-adhesive (standard)

### Dimensions



Measurements shown in mm

## IQ 800P

Omni-ID IQ 800P is a high performance, premium synthetic RFID label product. Designed with an ultra high performance dipole antenna, the IQ 800P provides market leading performance on plastic and non-metallic assets. High specification polymer and adhesive materials ensure the product is durable for extended outdoor use including standard industrial wet cleaning processes.

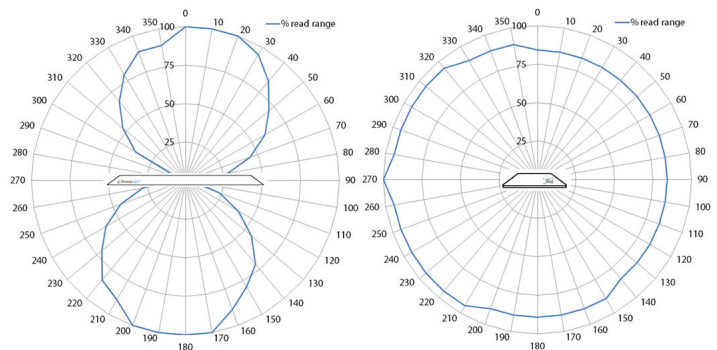
### RF Specification

<b>Frequency Range</b>	860 – 960 MHz (Global)
<b>Read Range – Fixed Reader</b>	Up to 10m (32.8 feet)
<b>Read Range – Handheld Reader</b>	Up to 5m (16.5 feet)
<b>On Metal or Balanced</b>	Plastic and non-metallic substrates
<b>Material Compatibility</b>	Plastic
<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

#### On Plastic



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With its high performance dipole antenna, premium materials, and thermal barcode compatibility, Omni-ID IQ 800P labels are ideally suited to manufacturing and logistics applications including attachment to:

- Plastic RTI's and containers
- Plastic Pallets
- Non-metallic industrial assets

### Environmental Specifications

<b>Operating Temperature</b>	-40°C to +85°C
<b>Max Temperature Exposure</b>	-40°C to +85°C
<b>Application Temperature</b>	+18°C to +35°C
<b>IP Rating</b>	IP68
<b>Shock &amp; Vibration Tolerance</b>	MIL-STD-810 G

### Certifications

CE, RoHS, Ex



### Ordering Information

<b>Warranty</b>	1 year
<b>Product Options</b>	:303 (Customization)1 :304 (ATEX/IECEX certified) :307 (US & Canada [C1D1/D2 certified]) :313 (TAA Compliant) :701 (Standard Service Bureau) (Printing over the IC area is not recommended)
<b>Part Number / Order Codes / Order Numbers</b>	056 - GS
<b>Minimum Order Quantity</b>	Standard Label 1000 labels / 1 roll

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