

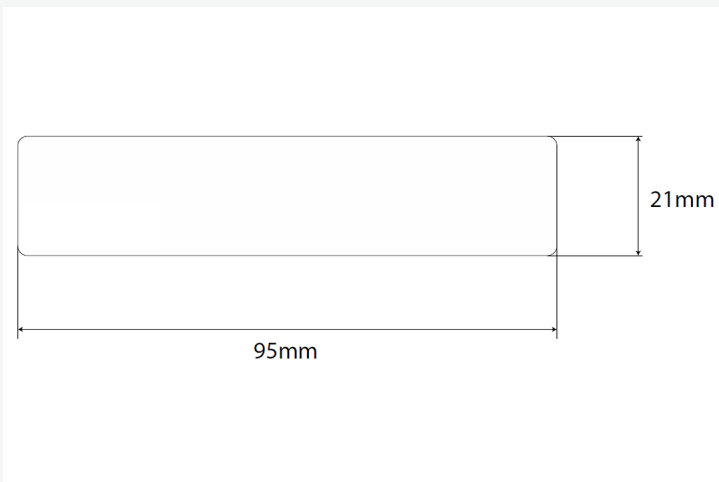
## [ Products ] you can identify with



### 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.

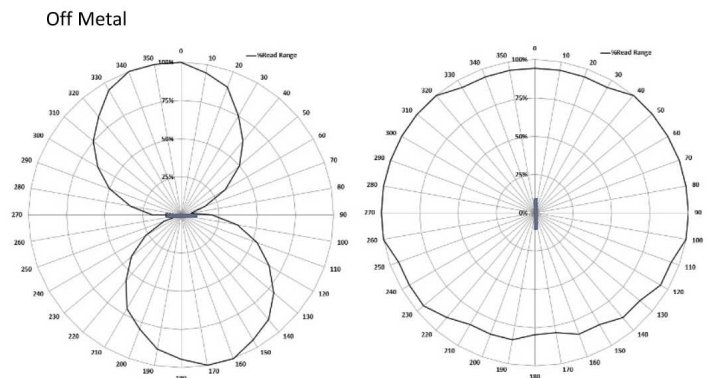
### RF Specification

<b>Frequency Range</b>	860 – 960 MHz (Global)
<b>Read Range – Fixed Reader</b>	Up to 15m (49.2 feet)
<b>Read Range – Handheld Reader</b>	Up to 4.9m (16.07 feet)
<b>On Metal or Balanced</b>	Optimized for off metal
<b>Material Compatibility</b>	Plastic and non metallic substrates
<b>IC Type (Chip)</b>	Impinj-M730
<b>Memory</b>	EPC - 128 bits User - 0 bits Unique TID - 48 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



## [ Products ] you can identify with



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



### Ordering Information

<b>Warranty</b>	1 year
<b>Product Options</b>	:303 (Customization)1 :701 (Standard Service Bureau) (Printing over the IC area is not recommended)
<b>Part Number / Order Codes / Order Numbers</b>	CP15907
<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