

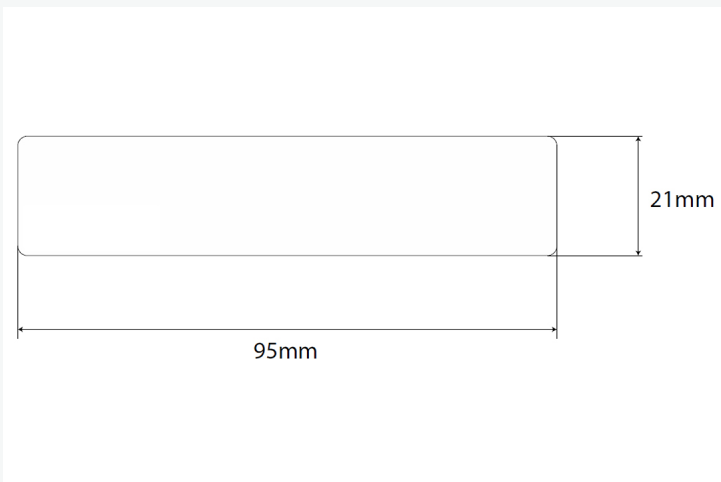
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Physical Specifications

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

Dimensions



Measurements shown in mm

IQ 800P

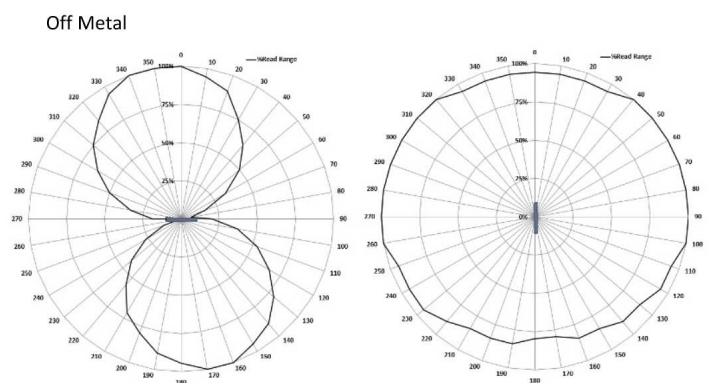
Omni-ID IQ 800P is a high performance, premium synthetic RFID label product. Designed with an ultra high performance dipole antenna, the IQ 800P provides market leading performance on plastic and non metallic assets. High specification polymer and adhesive materials ensure the product is durable for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

RF Specifications

Frequency Range	860 - 960 MHz (Global)
Read Range - Fixed Reader	Up to 15m (49.2 feet)
Read Range - Handheld Reader	Up to 4.9m (16.07 feet)
On Metal or Balanced	Optimized for off metal
Material Compatibility	Plastic and non metallic substrates
IC Type (Chip)	Impinj-M730
Memory	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. EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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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

Certifications

CE, RoHS



Environmental Specifications

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

Ordering Information

Warranty	1 year
Product Options	:303 (Customization)1 :701 (Standard Service Bureau) (Printing over the IC area is not recommended)
Part Number / Order Codes / Order Numbers	CP15907
Minimum Order Quantity	Standard Label 1000 labels / 1 roll

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