Omni-ID® part of HID

TRUST CONFIDENCE QUALITY

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IQ 750

IQ 750 ultrathin labels provide on metal tag functionality, within a low profile label. Supplied in roll form, the tag has been optimized for thermal barcode printers, enabling low cost and hassle free RFID deployment. The consistency and reliability of the tag redefines the standard for on and off metal RFID tagging, enabling new applications and revolutionizing integration into manufacturing and supply chain processes.

RAIN RFID RFID

Physical Specifications	
Material	White synthetic label
Size	60 x 24 x 1.4 mm, 2.36 x 0.94 x 0.06 in
Weight (g)	1.07
Attachment	Self-adhesive and suitable for curved surfaces to a minimum radius of 58mm

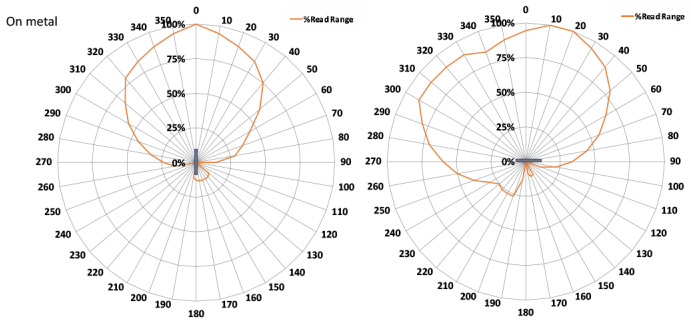
Dimensions

Measurements shown in mm

RF Specifications	
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 7.5m (24.6 feet)
Read Range – Handheld Reader	Up to 5m (16.5 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal, Plastic, Ceremic
IC Type (Chip)	Impinj-M730
Memory	EPC - 128 bits User - 0 bits Unique TID - 48 bits

Quoted performance achieved using standard testing methodology.
Read range will vary with reader hardware, output power and environment.
Please see the Omni-ID On Metal Labels User Guide for more detail.
EPC is reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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With innovative construction and thermal barcode printer compatibility, the Omni-ID IQ 750 label is ideal for applications such as:

- Logistics involving metal produce or packaging
- Pipe manufacturing and re-certification
- IT, office & hospital asset tracking

Certifications

CE, RoHS

Environmental Specifications

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

Chemical Resistance
168 h Salt water (salinity 10%) 168 h Motor oil
12 h NaOH (10%)
Alcohol – Isopropanol wipe
30 min Acetone (will remove the print, label will survive)

Ordering Information

Warranty	1 year
Part Number / Order Codes / Order Numbers	CP16702 EU CP16658 US