Omni-ID®

part of **HID**

[Products] you can identify with
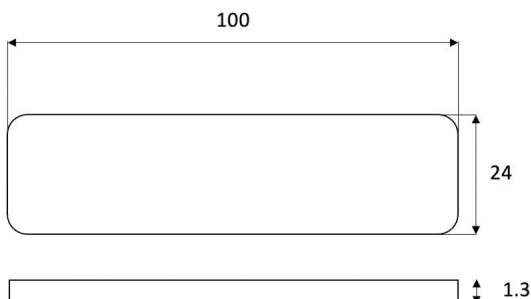

IQ 600 Regional R6-P

Omni-ID IQ 600 Regional R6-P 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.
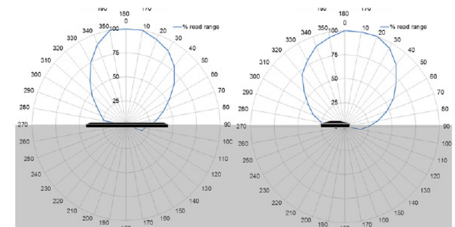
Physical Specifications	
Material	White synthetic label
Size	100 x 24 x 1.3 with ground plane (+/- 2) mm 3.78 x 0.94 x 0.05 with ground plane (+/-0.07) in
Weight (g)	2.0
Attachment	Self-adhesive and suitable for curved surfaces to a minimum radius of 58mm

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

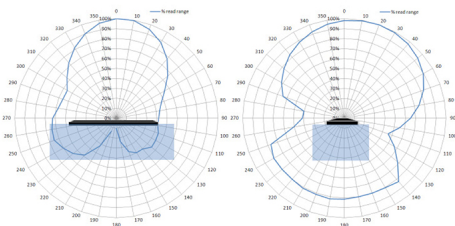| RF Specification	
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 6m (19.68 feet)
Read Range – Handheld Reader	Up to 3m (9.8 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal, Plastic, Ceremic
IC Type (Chip)	Monza R6-P
Memory	EPC - 128 (96) bits User - 32 (64) 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.

Dimensions

Measurements shown in mm

Radiation Patterns

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TRUST
CONFIDENCE
QUALITY

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

With innovative construction and thermal barcode printer compatibility, the Omni-ID IQ 600 label is ideal for applications such as:

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

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
Printer Compatibility	SATO

Certifications

CE, RoHS

Ordering Information

Warranty	1 year
Product Options	133 – EU, US with Monza R6 -P :303 Customization - 4 color static print :315 Overlamination :536 Textured surface adhesive :701 (Standard Service Bureau)
Part Number / Order Codes / Order Numbers	133 – EU, US with Monza R6 -P
Supply Format	500 labels per roll

Minimum Order Quantity		
	Standard Label R6-P	500 labels (1 roll)
	Service Bureau R6-P	500 labels (1 roll)
	Customization R6-P	10,000 labels
	Overlamination R6-P	10,000 labels