

[Products] you can identify with

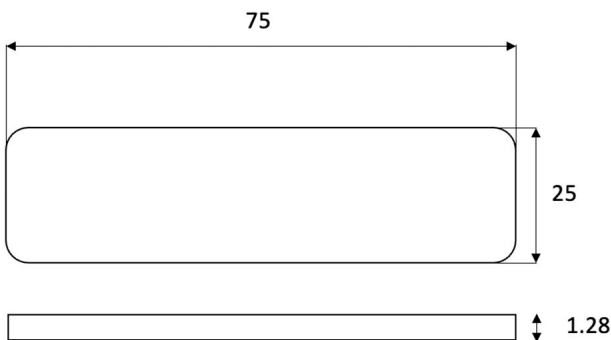


Physical Specifications

Material	White synthetic label
Size	75 x 25 x 1.28 mm 2.95 x 0.98 x 0.05 in
Weight (g)	0.5
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 be within 5%. Unspliced sections will be within 0.2mm tolerance.

Dimensions



Sizes Shown in mm

Measurements shown in mm

IQ 600 Global U-Code 8

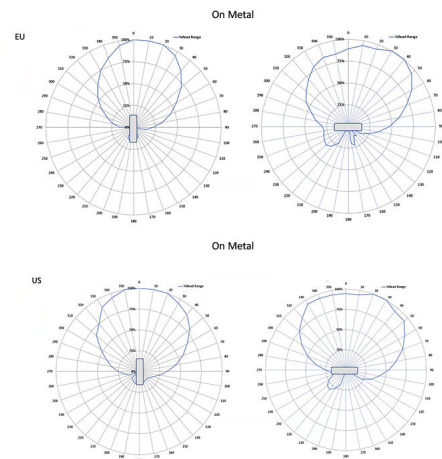
Omni-ID IQ 600 Global U-Code 8 label provides on metal tag functionality, within a low profile, easy to deploy label. The IQ 600 Global U-Code 8 has been optimized for thermal barcode printers, enabling low cost and hasslefree RFID deployment. The consistency and reliability of the IQ 600 Global U-Code 8 redefines the standard for metal RFID tagging, enabling smooth integration anywhere around the world.

RF Specification

Frequency Range	860 - 930 (GS)
Read Range - Fixed Reader	Up to 6m (19.69 feet)
Read Range - Handheld Reader	Up to 3m (9.84 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal, Plastic, Ceramic
IC Type (Chip)	U-Code8
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. 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



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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
Maximum Operating Temperature	-40°C to +85°C
Application Temperature	+18°C to +35°C
IP Rating	IP68
Printer Compatibility	SATO, Zebra

Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings. Omni-ID labels are compatible with many leading printers. Contact us for more detail. See Omni-ID printer guides for details on calibrating and operation.

Ordering Information

Warranty	1 year
Product Options	:329 Without ground plane :536 Textured surface adhesive :701 (Standard Service Bureau)
Part Number / Order Codes / Order Numbers	CP 13740
Supply Format	500 labels per roll

Certifications

CE, RoHS, ATEX/IECEX certified (option)



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