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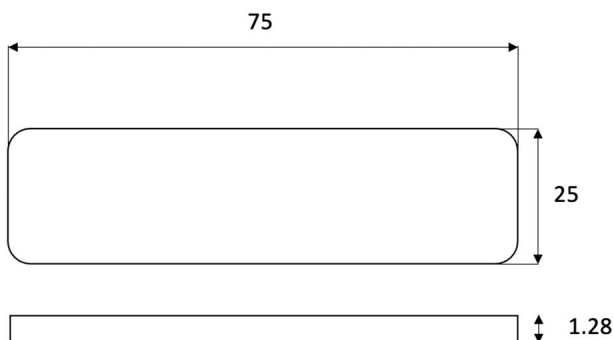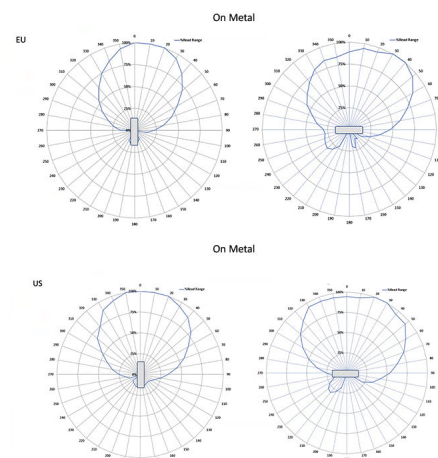

IQ 600 Global U-Code 8

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.

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.

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, Ceremic
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.

Dimensions

75

25

1.28

Sizes Shown in mm

Measurements shown in mm

Radiation Patterns

On Metal

EU

On Metal

US

Ömni·ID®

part of **HID**

TRUST
CONFI**DE**NCE
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
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.

Certifications

CE, RoHS, ATEX/IECEx certified (option)

C E RoHS

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

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

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