

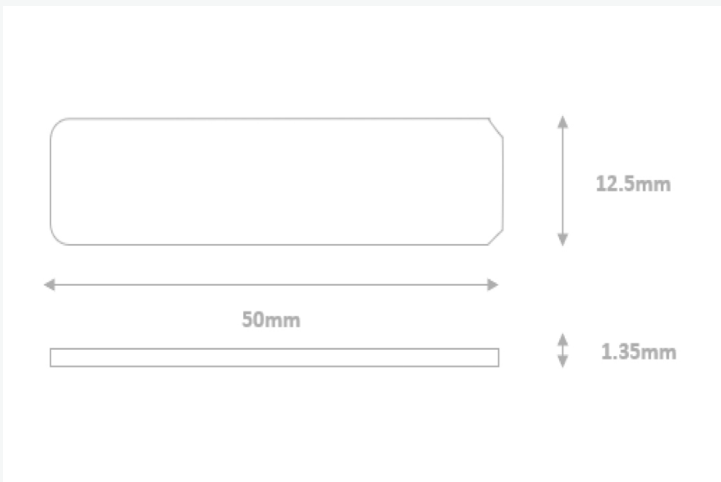
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Physical Specifications

Material	Synthetic Label
Size	50.0 x 12.5 x 1.35 mm 1.97 x 0.49 x 0.05 in
Weight (g)	0.50
Attachment	Self-adhesive suitable for curved surfaces to a minimum radius of 58mm

Dimensions



Measurements shown in mm

IQ 350

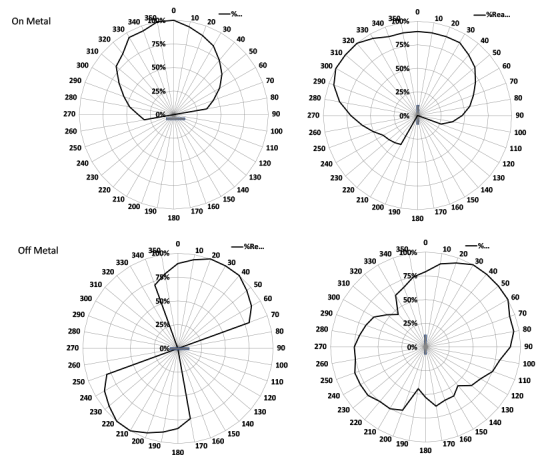
Omni-ID's IQ 350 labels provide on metal tag functionality, within a small, low profile, easy to deploy label. With the smallest size to performance ratio in the market, the IQ 350 also boasts a wide read performance making this an ideal choice for portal applications. Optimized for thermal barcode printers, the IQ 350 enables low cost, hassle-free RFID deployment.

RF Specification

Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 3.8m (12.5 feet)
Read Range – Handheld Reader	Up to 2m (6.5 feet)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
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. 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 a thin profile and label presentation, Omni-ID's IQ 350 labels are ideal for on-metal applications such as:

- IT, office, hospital and laboratory asset tracking
- Logistics involving metallic packaging
- Intermodal logistics

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
Printer Compatibility	SATO, Zebra

Certifications

CE, RoHS



Ordering Information

Warranty	1 year	
Part Number / Order Codes / Order Numbers	CP15712- EU CP15711-US	
Supply Format	900 labels per roll	
Minimum Order Quantity	Overlamination	10,800 labels (12 rolls)
	Customization	10,800 labels (12 rolls)
	Service Bureau	900 labels (1 roll)
	Standard label	900 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