

[Products] you can identify with

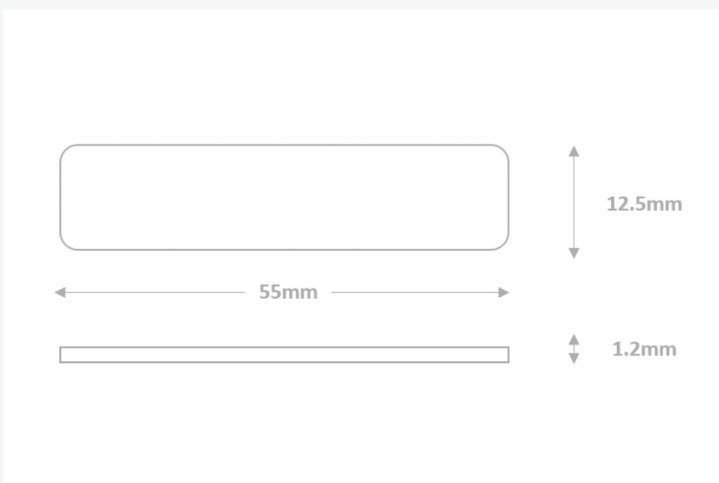


Physical Specifications

Material	White synthetic label
Size	55 x 12.5 x 1.2 mm, 2.17 x 0.49 x 0.05 in
Weight (g)	0.25
Attachment	Self-adhesive 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



Measurements shown in mm

IQ 150

The IQ 150 Ultrathin labels are designed for on metal tag functionality, within a small, low profile, easy to deploy label. Optimized for thermal barcode printers, the Omni-ID IQ 150 enables low cost and hassle-free RFID deployment. The Ultrathin labels redefine the standard for repeatability for on and off metal tagging applications demanding a very small low profile tag.

RF Specifications

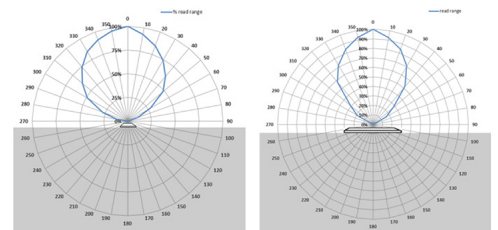
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 1.8m (5.9 feet)
Read Range – Handheld Reader	Up to 1m (3.3ft)
Material Compatibility	Metal, Plastic, Ceramic
IC Type (Chip)	Impinj-M730
Memory	EPC - 128 bits User - 0 bits Unique TID - 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.

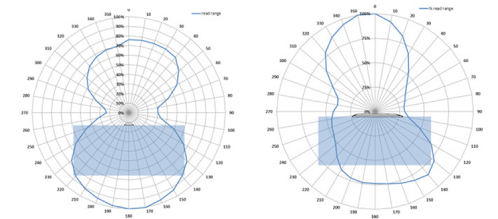
EPC is reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns

On Metal



Off Metal



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With innovative construction and excellent thermal barcode printer compatibility, the Omni-ID IQ 150 label is ideal for hassle free deployment of indoor asset management applications such as:

- IT, office, hospital and laboratory asset tracking
- Weapons, pipes, and road signs
- Warehouse management

Certifications

CE, RoHS



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, Zebra

Ordering Information

Warranty	1 year	
Part Number / Order Codes / Order Numbers	CP16079-EU-No Ground Plane	
	CP16080-EU-With Ground Plane	
	CP16081-US-No Ground Plane	
	CP16082-US-With Ground Plane	
Supply Format	1000 labels per roll	
Minimum Order Quantity	Standard Label	1,000
	Service Bureau	1,000
	Customization	10,000
	Overlamination	10,000

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