

[Products] you can identify with

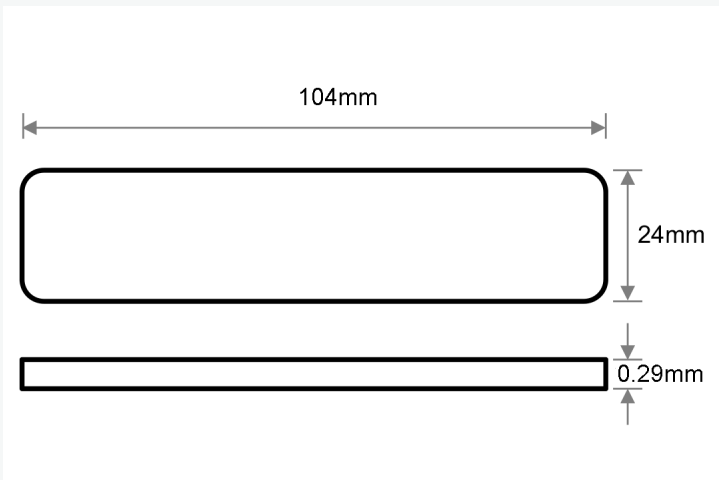


Physical Specifications

Material	White synthetic label
Size	104 x 24 x 0.29 mm, 4.09 x 0.94 x 0.01 in
Weight (g)	0.65
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. Please note these labels are not suitable for encoding within an RFID printer but can be ordered pre-encoded from Omni-ID.

Dimensions



Measurements shown in mm

Sense IQ 550P

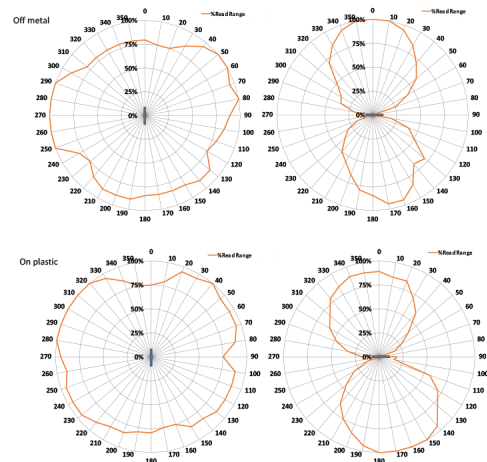
Sense IQ 550P labels have a built-in temperature sensor as well as moisture providing global off metal functionality within a low profile format. Supplied in roll form, this label enables low cost asset tracking and temperature monitoring in an easy to deploy passive RFID label. The consistency and reliability of the label redefines the standard for off metal RFID tagging, enabling new applications and revolutionizing integration into manufacturing and supply chain processes.

Specifications

Frequency Range	860 – 960 MHz (Global)
Read Range – Fixed Reader	Up to 5.8m (19 feet)
Read Range – Handheld Reader	Up to 2.5m (8.2 feet)
On Metal or Balanced	Optimized for off metal
Sensors	Temperature
Material Compatibility	Off metal
IC Type (Chip)	Axzon Magnus M3D
Memory	EPC - 128 bits User - 128 bits Unique TID - 64 bits

Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware, output power and environment. EPC and User memory are reprogrammable, UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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Sense IQ 550P labels are ideally suited to manufacturing and logistics applications including attachment to:

- Plastic RTI's and containers
- Plastic pallets
- Non-metallic industrial assets

The built in temperature sensor allows the Sense IQ 550P to be used for applications such as:

- Predictive maintenance
- IT data centers

Sensor Specifications

Temperature Sensor Accuracy	±0.5°C at 30°C to 60°C
Sensor Code With Moisture Change	0-500*

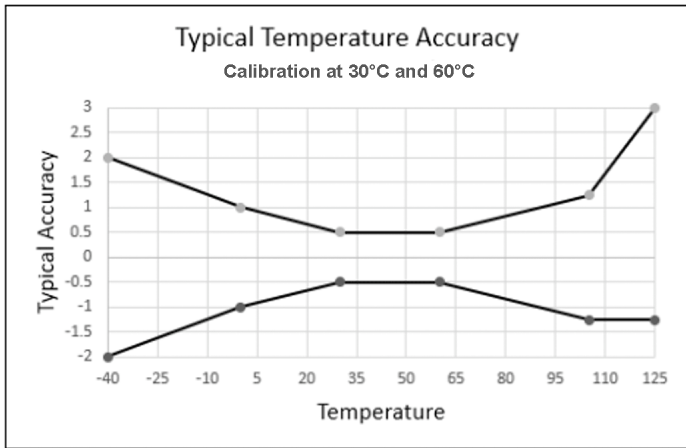
* Sensor code will depend upon application and material of the asset/container in use. Refer to product guide for details.

Environmental Specifications

Operating Temperature	-40°C to +85°C
Max Temperature Exposure	-40°C to +85°C
IP Rating	IP68

Ordering Information

Warranty	1 year
Part Number / Order Codes / Order Numbers	CP15528
Supply Format	3000 labels per roll



Certifications

CE, RoHS



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