

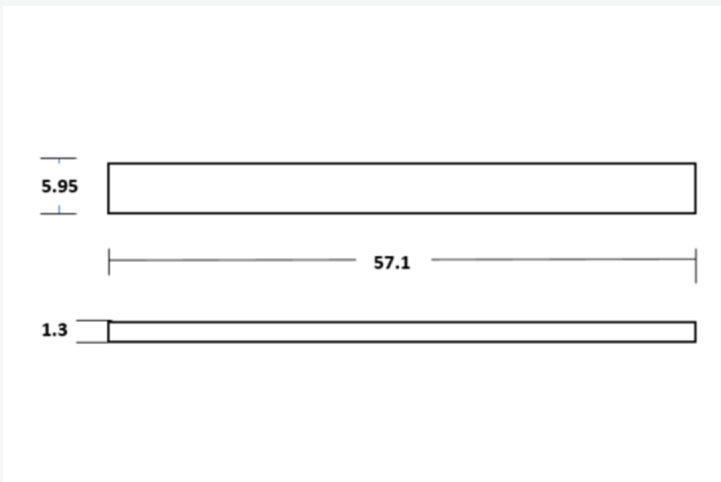
[Products] you can identify with



Physical Specifications

Material	Red
Size	57.1 x 5.95 x 1.3 mm, 2.25 x 0.23 x 0.05 in
Weight (g)	1.0
Attachment	Film Adhesive (included) for placement only in applications exceeding +85c

Dimensions



Measurements shown in mm

Fit 210

The Fit 210 is a High Temperature RFID tag capable of surviving cycling applications with temperatures to 225°C. Its narrow, low profile, small form-factor make the Fit 210 an ideal tag for integration within finishing processes, such as dipping, coating, heat shrinking and moulding in the harshest of environments.

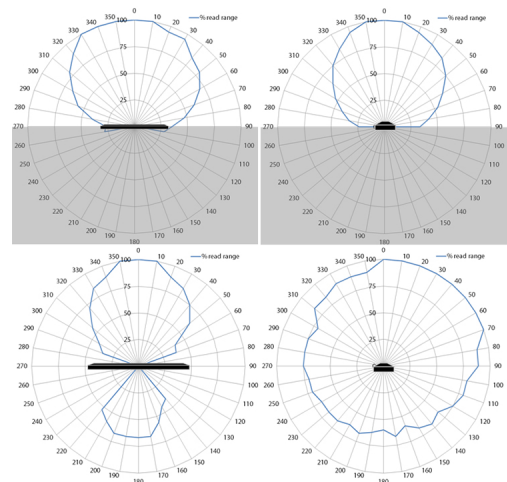


RF Specifications

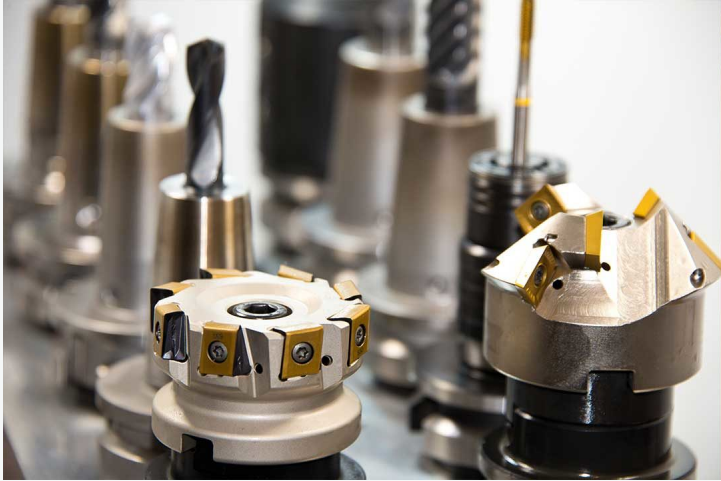
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 2m (6.6 feet)
Read Range – Handheld Reader	Up to 1m (3.3ft)
On Metal or Balanced	Optimized for metal
Material Compatibility	Metal
IC Type (Chip)	Alien Higgs 3
Memory	EPC - 96 bits User - 512 bits Unique TID - 64 bits

EPC and User memory are reprogrammable. UTID is locked at point of manufacture by IC manufacturer.

Radiation Patterns



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With its low profile and durable design, Omni-ID's Fit 210 tags are ideally suited to tool tracking and embedding applications such as:

- Hand tools, including wrenches and ratchet tools
- Integration within IT assets at point of manufacture
- Paint processes in automotive
- Healthcare — high temperature sterilization

Certifications

CE, RoHS, Ex, ATEX/IECEX certified (option), US&Canada (C1D1/D2) certified (option)



Environmental Specifications

Operating Temperature	-20°C to +85°C
Max Temperature Exposure	-20°C to +225°C
IP Rating	IP68
Shock & Vibration Tolerance	MIL-STD-810 G

Ordering Information

Warranty	1 year
Product Options	:303 (Customization) :304 (ATEX/IECEX certified) :307 (US&Canada [C1D1/D2] certified) :701 (Standard Service Bureau) Label is not rated for high temperatures.
Part Number / Order Codes / Order Numbers	123 (EU, US)

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