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Fit 400 HT

The Fit 400 is a small form factor, High Temperature RFID tag capable of surviving cycling applications with temperatures to 235oC. Don't sacrifice performance for size. With up to a 4 meter read range, the Fit 400 is the perfect solution when space is limited, but performance is demanded.

Physical Specifications

Material	Painted Black
Size	13.1 x 7.8 x 3.1 IC bump +/-0.5 mm, 0.52 x 0.31 x 0.12 including IC bump +/-0.02 in
Weight (g)	1.6
Attachment	Film Adhesive (included) for placement only in applications exceeding +85c

Dimensions
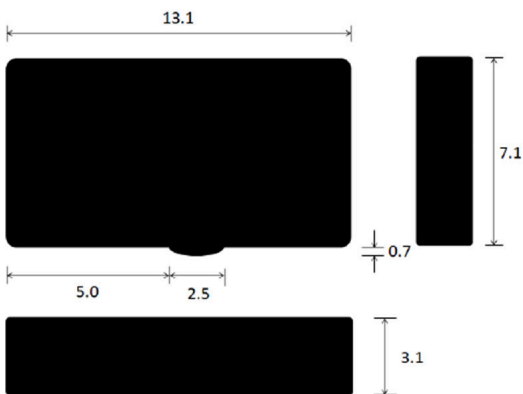
Measurements shown in mm

RF Specifications

|	
Radio Protocol	EPC Class 1 Gen2v2
Frequency Range	866 – 868 MHz (EU) 902 – 928 MHz (US)
Read Range – Fixed Reader	Up to 4m (13.1 feet)
Read Range – Handheld Reader	Up to 2m (6.5 feet)
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

Off Metal
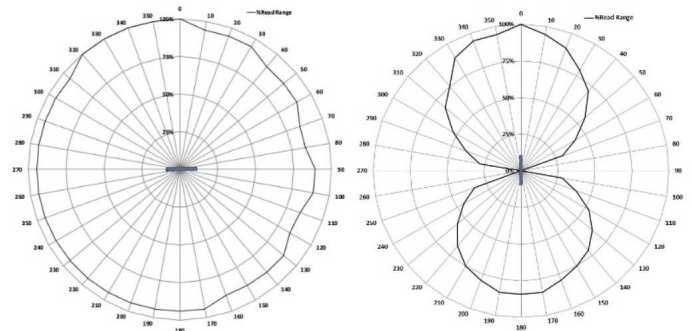
[**Products**] you can **id**entify with
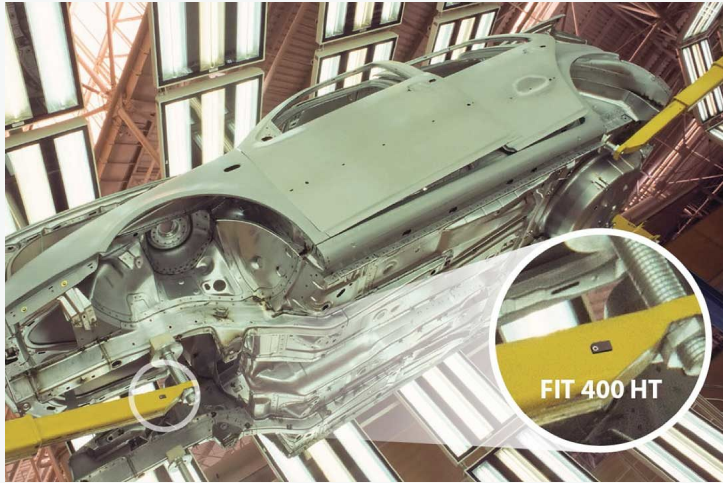
FIT 400 HT

With its small form, high temperature capability and high performance, the Omni-ID Fit 400 tags are ideally suited to tracking small metal assets such as:

- Metal hand tools
- Embedding into metal components
- Metal IT assets including covert tracking
- Autoclaves and high temperature sterilizations

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 +235°C
IP Rating	IP68

Ordering Information	
Warranty	1 year
Product Options	:304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2) certified) :508 (premium foam) :701 (Standard Service Bureau)
Part Number / Order Codes / Order Numbers	124 (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

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