Omni-ID®
Identify with innovation

Omni-ID Flex® label

Omni-ID Flex label is a low profile, medium range RFID tag for mixed metal and plastic asset environments. Provided as a regionally-tuned tag, Omni-ID flex label supports both handheld and portal use cases. Supplied with a synthetic label finish, Omni-ID Flex label is knock and splash resistant and suitable for long term use in office environments.

Applications

With its on and off metal read performance and low profile, Omni-ID Flex label is ideally suited to IT Asset management applications, including:

▶ Laptop tracking.

▶ Office and IT equipment inventory and locating.

▶ Larger IT hardware tracking

Physical Specifications

Encasement	Synthetic Label
Size (mm) (tolerance)	77 x 15 x 2.8 (+/- 0.5)
Size (in) (tolerance)	3 x 0.6 x 0.11 (+/-0.02)
Weight (g)	2.9

Omni-ID®

15.0

77.0

2.8
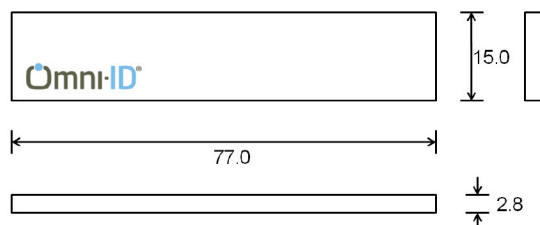
Dimensions stated in mm

RF Specifications

Protocol	EPC Class 1 Gen2
Frequency Range (MHz)	902–928 (US) 866–868 (EU)
Read Range (Fixed reader)[1]	Up to 5.0 (US) Up to 3.5 (EU)
Read range (Handheld reader)[1]	Up to 2.5 (US) Up to 1.8 (EU)
Material Compatibility	Any
IC Type (chip)	Alien H3
Memory [2]	EPC - 96bits User - 512bits TID - 64bits

1. Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.
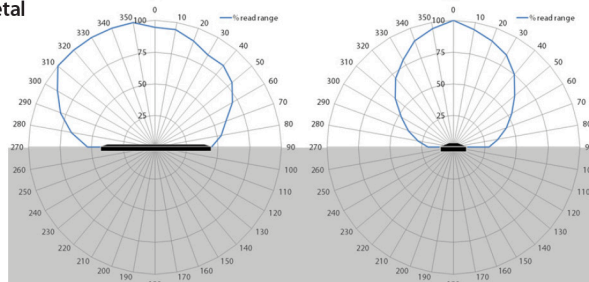2. EPC and User memory are reprogrammable, TID is locked at point of manufacture.

Radiation Patterns

On Plastic

Large Metal Sheet
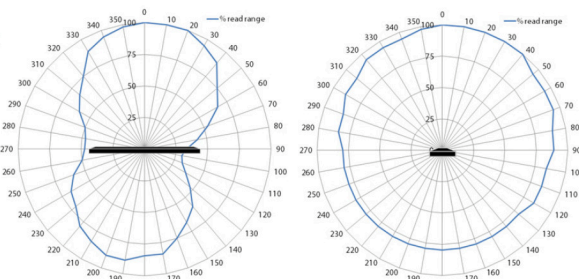
Omni-ID®
Identify with innovation

Related Products and Services

▶ **Omni-ID Prox NG -** Market leading consistency in a small form factor RFID tag for enterprise IT environments.

▶ **Omni-ID IQ 400P-** Small premium label for plastic assets.

▶ **Omni-ID Prox Rigid-** Small form factor, durable RFID tag for industrial and outdoor environments with metal and plastic assets.

▶ **Service Bureau** - Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.

Environmental Specification

Operating Temperature	+5 to +40 °C
Long term Max Temperature [1] exposure - (days,weeks,years)	+40 °C
Short term Max Temperature [1] exposure - (minutes,hours)	+55 °C
IP Rating	IP54
Shock and Vibration	MIL STD 810-F
Attachment	Film adhesive (standard) Standard foam adhesive (option) Premium foam adhesive (option)
Certifications	RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)
Warranty	1 year

1. Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings.

Ordering Information

Order Numbers	013- EU, US
	:304 (ATEX/IECEx certified)
	:307 (US&Canada (C1D1/D2) certified)
	:507 (std. foam)
	:508 (premium foam)
	:701 (Standard Service Bureau)
	:702 (Custom Service Bureau)

CE **RoHS** **Ex**

atlasRFIDstore.com
1.888.238.1155 • Inside USA
1.205.383.2244 • Outside USA
info@atlasRFIDstore.com
www.atlasRFIDstore.com

032012