Visit **www.omni-id.com** to learn more about Omni-ID's complete line of RFID products.

Omni-ID Max™
Omni-ID Flex™
Omni-ID Prox™

Omni-ID Flex™ (U.S. Version)

Omni-ID Flex is a medium-range passive UHF RFID tag with a managed read range greater than 16.5 feet—offering increased visibility of assets and stock/intermediates, and greater efficiency in manufacturing and retail environments. The product delivers an outstanding performance-to-size ratio, while providing balanced on/off metal performance. These features are critical in the area of laptop tracking, where Omni-ID Flex ensures accurate asset registration and security benefits.

Omni-ID Flex comes as standard with a printed label finish. It is also available in a low-profile ruggedized rigid case for applications with harsh environmental requirements.

Omni-ID is RFID, redefined.

We eliminated the interference from metals and liquids that cause conventional RFID tags to underperform in harsh environments. Our breakthrough technology enables you to track high value assets and manage supply chains with near perfect accuracy. Yet, not only have we developed the industry's most reliable RFID tags, we've also built alliances with the most trusted providers of RFID hardware, software, and solutions. Together, we can ensure that you have a complete solution that meets your unique requirements. All of which explains why a growing number of companies are choosing to identify with Omni-ID. Interested in joining them? **Contact Omni-ID today.**

Barcodes meet RFID.

In order to provide a transition between barcode and RFID functionality, Omni-ID Services are available to print barcode and human readable information on the outer label, and add chip programming with the associated EPC code on each individual tag.

UHF "On Metal" Tag Comparison					
	Omni-ID Tag	Stand-off/Spacer Tag	Magnetic Isolating Barrier Tag	Tuned Antenna and Ground Plane Tags	Patch Antenna Tags
Size and shape	**Small**	Large	Small	Medium	Small
Balanced performance on and off metal	**High**	Medium	Low	Medium	Low
Reliability/robust performance in a metal environment	**High**	Low	Low	Low	High
Value for money	**High**	Medium	Low	Medium	Low

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Omni-ID Flex Applications

- Laptop tracking
- Shelf-edge retail and warehouse location
- Automotive parts and components tracking
- Tool tracking

Omni-ID Flex Highlights

- Ultimate reliability and accuracy on any material in any environment
- Increased visibility of assets and conveyances
- Improved efficiency in locating or auditing items
- 240 bit EPCglobal Class-1 Gen2-compliant silicon
- Over 16.5 ft (5m) maximum read range (on metal) under U.S. standards
- Supplied with label finish or optional ruggedized rigid case
- Footprint 3.0 inch x 0.6 inch x 0.1 inch when supplied with label finish
- Footprint 4.15 inch x 0.8 inch x 0.22 inch when supplied in a ruggedized rigid case

Contact Omni-ID

For more information, please contact:
Email **customer.services@omni-id.com**
Call 650-587-0812 or +44 (0)1252 416487

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1 Quoted performance achieved using standard Omni-ID
  test methodology, details available upon request.

2 Product designed to meet IP68 (please contact Omni-ID
  for further details).

3 Temperature testing methodology in accordance with BS
  EN 60068-2-1 and BS EN 60068-2-2.

Omni-ID Flex Specifications

	Omni-ID Flex (U.S. Version)	
General Information		
Frequency range	902MHz to 928MHz	
IC	Alien Higgs H2	
RF Specifications		
IC Protocol	UHF EPC Class-1 Gen2	
IC Memory	240 bits	
Read range on metal[1]	>16.5ft	
Read range off metal[1]	>16.5ft	
Physical Specifications		
Encasement	**Label covering**	**Ruggedized rigid case**
Attachment	3M 9472LE self adhesive	2x Ø 0.2 inch rivet hole and 3M 9472LE self adhesive
Length	3.0 inch	4.15 inch
Width	0.6 inch	0.8 inch
Thickness	0.10 inch	0.22 inch
Casing material	Laminated label	ABS
Color	N/A	Light Blue
Mass	0.09 oz	0.41 oz
Ingress protection	N/A	IP68[2]
Operating temperature[3]	-4ºF to +149ºF	-4ºF to +149ºF
Order reference number	0112-0303-0405	0112-0303-0207