



Omni-ID® Exo 800P Rigid

Omni-ID Exo 800P Rigid is a low profile, medium range, durable RFID tag optimized for attachment to plastic assets. It's thin design is ideal for attachment with little protrusion. The tag's global frequency ensures functionality tracking mobile assets worldwide.

Applications

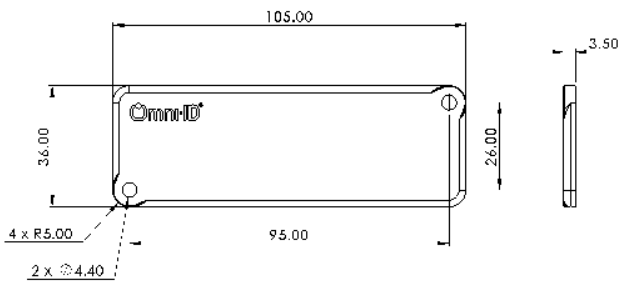
The Omni-ID Exo 800P Rigid tag is ideally suited to yard management and logistics applications in:

- ▶ Plastic RTIs and containers
- ▶ Plastic pallets
- ▶ Non-metallic industrial assets

Physical Specifications

Finish	ABS
Size (mm)	105 × 36 × 3.5
Size (in)	4.1 × 1.4 × 0.14
Weight (g)	11.6

Dimensions



Dimensions in mm

Note: Dimensions do not include adhesive options

RF Specifications

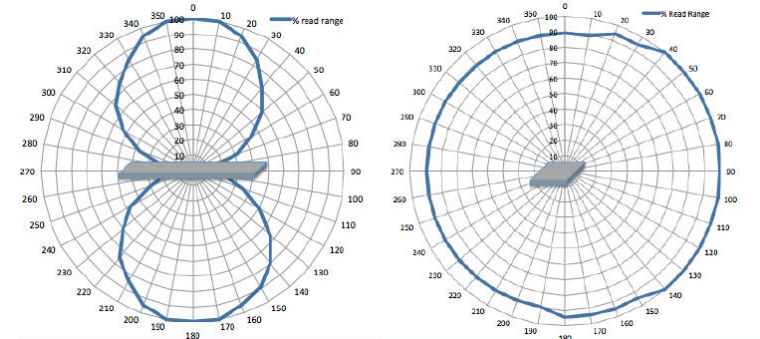
Frequency Range (MHz)	860-930 (GS)
Read Range – On plastic ¹	Up to 8.0m
Material Compatibility	Optimized for plastic containers
IC Type	Alien Higgs 3
Memory ²	EPC – 96 bits User – 512 bits Unique TID – 64 bits

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, UTID is locked at point of manufacture.

Radiation Patterns

On Plastic



Related Products and Services

- ▶ **Omni-ID IQ 400P** – Small footprint, easy to deploy RFID label provides strong performance on plastic and non-metal assets.
- ▶ **Omni-ID IQ 800P** – High performance, synthetic RFID label provides market leading performance on plastic and non-metallic assets.
- ▶ **Omni-ID Exo 600** – High performance, global RFID tag designed to meet the diverse needs of logistics industries.
- ▶ **Service Bureau** – Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specifications

Storage Temperature ¹	-20 to +85°C
Operation Temperature ¹	-20 to +85°C
Survivability	-20 to +85°C
IP rating	IP68
Shock and Vibration ²	MIL STD 810-G
Attachment	Premium foam(option) Rivet/Screw (not supplied)
Certifications	RoHS approved CE approved
Warranty	1 year

1. Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings.
 2. Testing methodology available on request

Ordering Information

Order Code	104 – GS
Option Codes	:303 (Customization) :508 (Premium foam) :701 (Standard Service Bureau)

Omni-ID office locations: **US | UK | China | India | Germany**
 For product or technology inquiries email: sales@omni-id.com