Omni-ID

Building Intelligent Supply Chains

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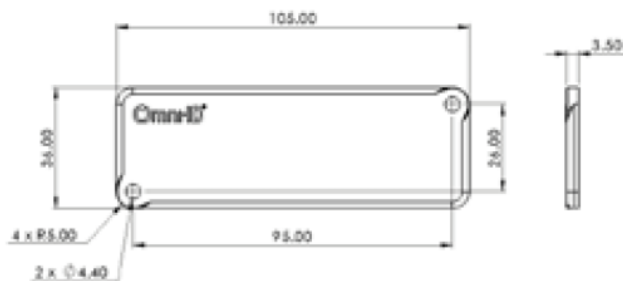
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The Omni-ID Exo 800P Rigid tag is ideally suited to yard management and logistics applications in:

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

Physical Specifications

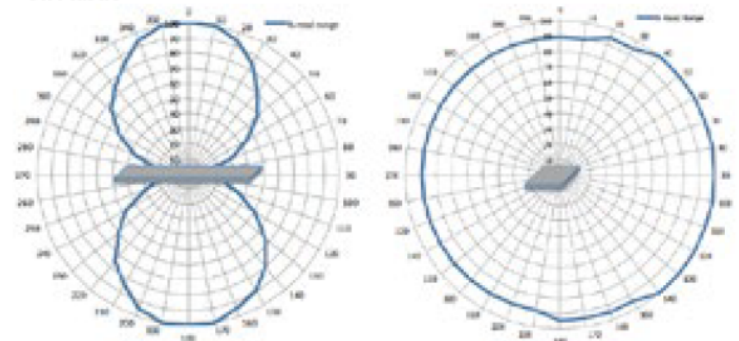| Finish	ABS
Size (mm)	105 × 36 × 3.5
Size (in)	4.1 × 1.4 × 0.14
Weight (g)	11.6

RF Specifications

Frequency Range (MHz)	860-940 (GS)
Read Range – On plastic[1,2]	Up to 8.0m
Material Compatibility	Optimized for plastic containers
IC Type	Alien Higgs 3
Memory	EPC – 96 bits User – 512 bits TID – 64 bits

1. Read range validated on sea containers using Alien 9900 readers.
2. Quoted performance achieved using standard Omni-ID test methodology. Details available upon request.

Dimensions

Dimensions in mm
Note: Dimensions do not include adhesive options

Radiation Patterns

On Plastic

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Related Products and Services

Omni-ID Exo 800P Flexible – Low profile, very thin RFID tag designed for attachment to plastic assets with little protrusion.

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

Operating Temperature[1]	– 20 to +85°C
Long Term Max Temperature[2] Exposure — (days, weeks, years)[2]	+85°C
IP rating	IP68
Shock and Vibration[3]	MIL STD 810-G
Attachment	Transfer adhesive (option) Foam adhesive (option) Epoxy (option) Rivet/Screw (not supplied)
Certifications CE RoHS	RoHS approved CE approved
Warranty	1 year

1. Temperature testing methodology in accordance with BS EN 60068-2-1 and BS EN 60068-2-2.
2. Excludes adhesive options, consult adhesive data sheets for recommended temperature ratings.
3. Product designed to meet MIL STD 810-G 60068-2. Please contact Omni-ID for further details.

Ordering Information

Order Numbers	104 – GS :701 (Standard Service Bureau) :702 (Custom Service Bureau)

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