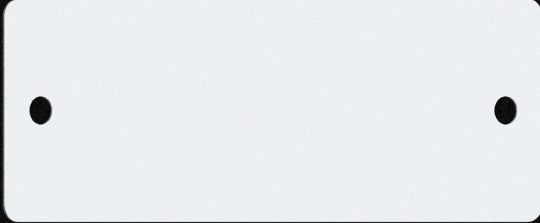


Omni-ID® Exo 800P Flexible

Omni-ID Exo 800P Flexible is an ultra low profile, medium range, durable RFID tag optimized for attachment to plastic assets. It's thin design is ideal for attachment with little protrusion and can be attached to curved surfaces up to 68mm diameter. The tag's global frequency range ensures functionality worldwide.



Building Intelligent Supply Chains

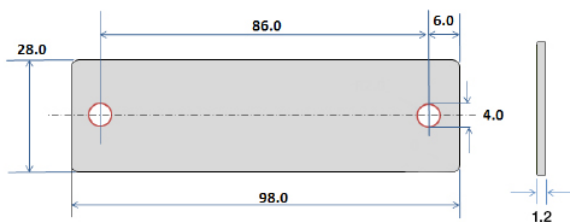
The Exo 800P Flexible tag is ideally suited for manufacturing and logistics applications covering both indoor and outdoor use and attachment to:

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

Physical Specifications

Finish	PVC
Size (mm)	98 × 28 × 1.2
Size (in)	3.89 × 1.1 × 0.047
Weight (g)	2.7

Dimensions



Dimensions in mm

Note: Dimensions do not include adhesive options

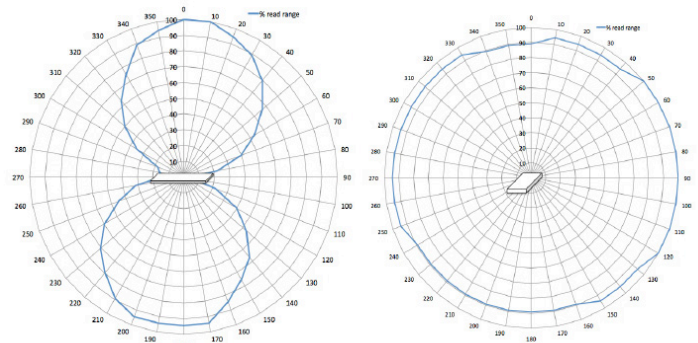
RF Specifications

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
User Memory (bits)	512 bits

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

Radiation Patterns

On Plastic



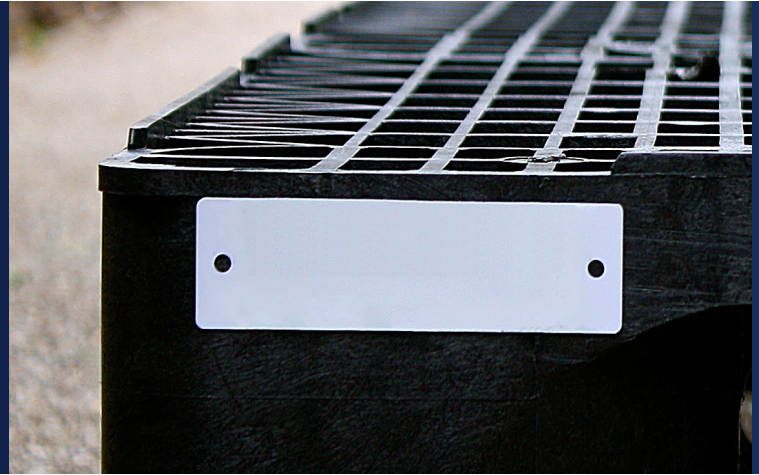
Related Products and Services

Omni-ID Exo 800P Rigid — Low profile, Global RFID tag designed for attachment to plastic 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

Operating Temperature ¹	-20 to +65°C
IP rating	IP68
Shock and Vibration ²	MIL STD 810-G
Attachment ³	Screw/Rivet (not included) Foam Adhesive (option) Transfer Adhesive (option) Epoxy (option)
Certifications 	RoHS approved CE approved
Warranty	1 year

Ordering Information

Order Numbers	111 – GS :701 (Standard Service Bureau) :702 (Custom Service Bureau)
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¹Temperature testing methodology in accordance with BS EN 60068-2-1 and BS EN 60068-2-2.

²Product designed to meet MIL STD 810-G 60068-2. Please contact Omni-ID for further details.

³Tag can conform to curved surfaces up to 68mm diameter. Mechanical attachment is required to avoid delamination.

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