



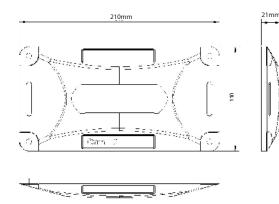
Building Intelligent Supply Chains

With its breakthrough RF performance, the Omni Dura 1500 RFID tag provides a cost-effective solution for applications which previously required semi-passive or active tags including:

- Cargo and Container tracking.
- Heavy equipment tracking and maintenance.
- Location identification in lay down zones.

Physical Specifications

| Encasement | ABS or Polycarbonate |
|--------------------------|-------------------------------------|
| Size (mm) (tolerance) | 210 x 110 x 21.0 (+/- 1 mm) |
| Size (in) (tolerance) | 8.27 x 4.33 x 0.82 (+/- 0.04 in) |
| Weight (g) | 265.0 (ABS) 292.0 (PC) |



Dimensions stated in mm

Omni-ID® Dura 3000

Omni-ID Dura 3000 is a globally compliant, passive UHF tag with extreme read ranges of up to 35m, on, off or near metals and liquids. Designed for heavy industry and outdoor applications, Omni-ID Dura 3000 features a high impact, water proof, durable encasement. Omni-ID Dura 3000 is an excellent choice for tracking large assets in open storage environments, without the concern of a battery.

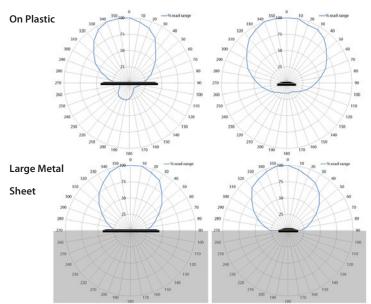
RF Specifications

| Protocol | EPC Class 1 Gen2 |
|---|--|
| Frequency Range (MHz) | 860–960 (global) |
| Read Range (Fixed reader) ¹ | Up to 35.0 (global) |
| Read Range (Handheld reader) ¹ | Up to 20.0 (global) |
| Material Compatibility | Metal and non-metallic substrates |
| 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



Related Products and Services

- Omni-ID Dura 1500 Long range, high durability RFID tag product for heavy industry applications involving metal.
- Omni-ID Exo 750- Extreme durability, long range and global operability in a small, square footprint, on metal RFID tag.
- Omni-ID IQ 800P- Large premium label for plastic assets.
- Service Bureau Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specifications

| ABS: -40 to +65 °C PC: -40 to +100 °C |
|--|
| ABS: +65 ℃ PC: +100 ℃ |
| ABS: +75 ℃ PC: +120 ℃ |
| IP68 |
| MIL STD 810-G |
| >25kg from 1m |
| Manual (standard) Standard foam adhesive (option) Premium foam adhesive (option) |
| RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option) |
| |
| |

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

2. Testing methodology available on request

Ordering Information

Order Numbers

009 - GS :302 (PC encasement) :304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2) certified) :507 (std. foam), :508 (premium foam) :701 (Standard Service Bureau) :702 (Custom Service Bureau)



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