

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



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.

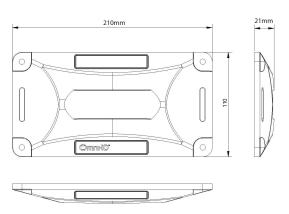
Building Intelligent Supply Chains

With its breakthrough RF performance, the Omni Dura 3000 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)	210 x 110 x 21.0
(tolerance)	(+/- 1 mm)
Size (in)	8.27 x 4.33 x 0.82
(tolerance)	(+/- 0.04 in)
Weight (g)	265.0 (ABS) 292.0 (PC)



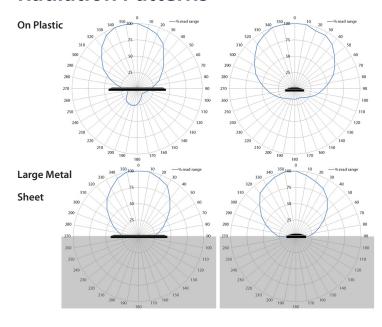
Dimensions stated in mm

RF Specifications

EPC Class 1 Gen2
860–960 (global)
Up to 35.0 (global)
Up to 20.0 (global)
Metal and non-metallic substrates
Alien H3
EPC - 96bits User - 512bits TID - 64bits

^{1.} Quoted performance achieved using standard testing methodology. Read range will vary with reader hardware and output power.

Radiation Patterns



^{2.} EPC and User memory are reprogrammable, TID is locked at point of manufacture.



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

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

Operating Temperature	ABS: -40 to +65 °C PC: -40 to +100 °C
Long term Max Temperature ¹ exposure - (days,weeks,years)	ABS: +65 °C PC: +100 °C
Short term Max Temperature ¹ exposure - (minutes,hours)	ABS: +75 °C PC: +120 °C
IP Rating	IP68
Shock and Vibration	MIL STD 810-G
Impact	>25kg from 1m
Attachment	Manual (standard) Standard foam adhesive (option) Premium foam adhesive (option)
Certifications	RoHS approved CE approved ATEX/IECEx certified (option) US&Canada (C1D1/D2) certified (option)
Warranty	3 years

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

2. Testing methodology available on request

Ordering Information

Order Numbers

: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 | Germany For product or technology inquiries email: sales@omni-id.com