

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



Omni-ID® Grip

The Omni-ID Grip is uniquely designed with a flexible over-molding, giving it the ability to "grip" assets when tethered and prevent sliding or unwanted movement. This low-profile tag is designed for the harshest outdoor environments and is rated submersion-proof With tether holes that go from side to side – this tag easily affixes to cylindrical assets or other traditionally hard to tag tools.

Applications

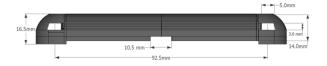
Designed to easily tether to cylindrical assets, the Omni-ID Grip is perfect for industrial applications requiring a highly durable tag, including applications with:

- ▶ Tools
- ▶ Hoses
- ▶ Cables
- Scaffolding and poles

Physical Specifications

Encasement	Polycarbonate with rubberized overmould.
Size (mm)	113 x 25.5 x 16.4mm
(tolerance)	(+/-1.0)
Size (in)	4.4 × 1.0 × 0.65
(tolerance)	(+/-0.04)
Weight (g)	30.0





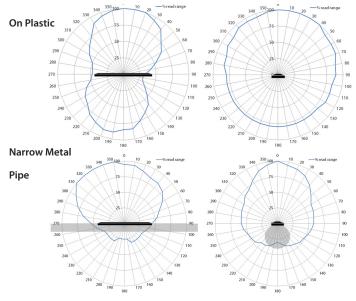
Dimensions stated in mm

RF Specifications

Protocol	EPC Class 1 Gen2
Frequency Range (MHz)	860-930MHz (Dual Band)
Read Range (Fixed reader) ¹	Up to 4.0m (13.1ft)
Read Range (Handheld reader) ¹	Up to 2.0m (6.6ft)
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





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Related Products and Services

- ▶ Omni-ID Prox Fi Small form factor, global tag in electrically insulated coating with wide read angle.
- ▶ Omni-ID Fit 400 and 400P- Small footprint tags with larger read distance optimized for metal and plastic assets respectively.
- ▶ Omni-ID Max SQ-D Low profile, medium range RFID tag for mixed metal and plastic IT asset environments.
- ▶ **Service Bureau** Omni-ID offers a full service bureau for printing and pre-encoding Omni-ID tags at point of manufacture.



Environmental Specification

Operating Temperature	-40 to +85°C
Long term Max Temperature ¹ exposure - (days,weeks,years)	+85°C
Short term Max Temperature 1 exposure - (minutes,hours)	+105°C
IP Rating	IP68
Shock and Vibration	MIL STD 810-F
Impact	25kg from 1m
Attachment	Tether hole (std)
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.

Ordering Information

Order Numbers 036- E

:304 (ATEX/IECEx certified)

:307 (US&Canada (C1D1/D2) certified) :701 (Standard Service Bureau) :702 (Custom Service Bureau)

For more information, contact:

Omni-ID Corporate Headquarters:

1200 Ridgeway Ave Rochester, NY 14615 USA

European Office:

The Enterprise Centre Coxbridge Business Park Alton Road, Farnham, Surrey GU10 5EH, United Kingdom

Asia Office:

Process Export zone
East of Road No.4 and South of Road No.2
Chengyang District
Qingdao
266113, P.R. China

For product or technology inquiries:

Email customer.services@omni-id.com

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