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.
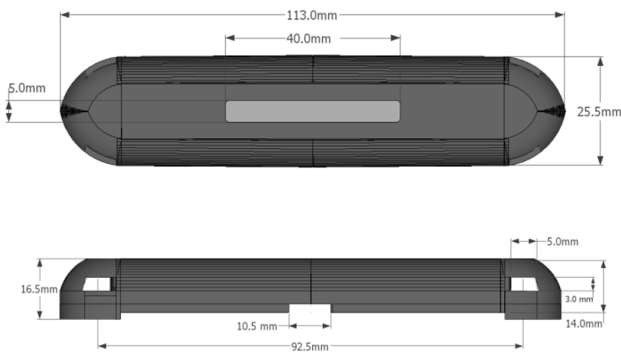
Applications

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

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.

Physical Specifications

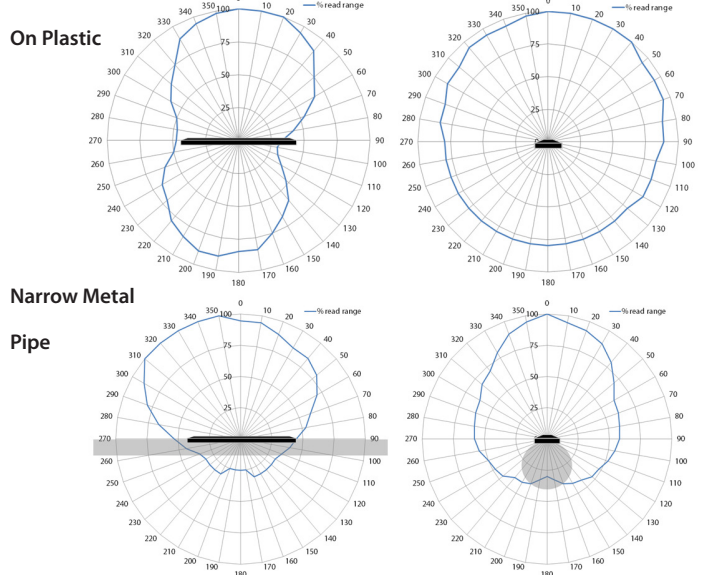|	
Encasement	Polycarbonate with rubberized overmould.
Size (mm) (tolerance)	113 x 25.5 x 16.4mm (+/-1.0)
Size (in) (tolerance)	4.4 x 1.0 x 0.65 (+/-0.04)
Weight (g)	30.0

Dimensions stated in mm

Radiation Patterns

On Plastic

Narrow Metal Pipe

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- DB :304 (ATEX/IECEx certified) :307 (US&Canada (C1D1/D2) certified) :701 (Standard Service Bureau) :702 (Custom Service Bureau)

For more information, contact:

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