



Omni-ID Ruggedized Tags

| Attachment Guidance



RFID tags built to perform in harsh environments.

In order to get the most out of your Omni-ID tags, please read this document carefully.

Omni-ID Ruggedized Tags Attachment Guidance

Omni-ID products are supplied as standard with a durable label finish. When supplied in a label finish Omni-ID products can be attached to items using the high performance self adhesive provided on the back of the tag.

The products are also available in a low-profile ruggedized rigid case for applications with harsh environmental requirements. Our ruggedized tags can be attached securely via mechanical attachment, as shown on the opposite side of this design brief.

Omni-ID is RFID, redefined.

We eliminated the interference to metals and liquids that cause conventional RFID tags to underperform in harsh environments. Our breakthrough technology enables you to track high value assets and manage supply chains with over 99.99% accuracy.

Yet, not only have we developed the industry's most reliable RFID tags, we've also built alliances with the most trusted providers of RFID hardware, software, and solutions.

Together, we can ensure that you have a complete solution that meets your unique requirements. All of which explains why a growing number of companies are choosing to identify with Omni-ID. Interested in joining them? Contact Omni-ID today.



Apply with confidence.

In order to get the most out of your Omni-ID tags, please read this document carefully. Best practice should be observed for attachment to assets, especially when a long service life is required.

Self-adhesive Attachment – Adhesion Strength Data¹

Adhesion after 72 hours at room temp. using modified D-3330 test procedure

Substrate	N/100mm	Oz/Inch
Stainless Steel	153	140
ABS	140	128
Polypropylene	149	136

Self-adhesive Attachment – Adhesion Strength Data¹

Environmental parameter	Self-adhesive performance (after application to asset)
Humidity	Minimal
U.V. Exposure	Minimal
Water	No effect
Temperature	No effect up to 148°C for short periods (minutes, hours) and 93°C for long periods (days, weeks)

¹ Typical values, not for specification purposes, data is representative of attachment adhesive material only.

About Omni-Id

Omni-ID is the leading supplier of passive, low-profile UHF RFID solutions. Through its patent-pending technology, Omni-ID “cracked the code” to overcome the problems traditionally associated with RFID, enabling a broad range of new applications that improve accuracy and efficiency in asset tracking, supply chain management and work-in-process. The company’s family of versatile RFID tags works reliably in the harshest environments—including on, off, and near metal and liquids—and excels in solving tracking and identification challenges with unprecedented accuracy. With major offices in Foster City, Calif. and in the UK, Omni-ID’s mission is to drive the widespread adoption of RFID technology as the optimal tracking and identification solution. For more information on RFID Solutions, visit www.Omni-ID.com.

Contact Omni-Id

Visit www.omni-id.com to learn more about Omni-ID’s products and solutions.

U.S. Office:

1065 East Hillsdale Boulevard, Suite 400
Foster City, CA 94404
650-571-OMNI (6664)

European Office:

The Enterprise Centre
Coxbridge Business Park
Alton Road, Farnham, Surrey
GU10 5EH, United Kingdom
+44 (0)1252 748020

Asia Office:

JapanOmni-ID Japan Office
Ark Mori Building, 6F 12-32,
Akasaka 1-chome, Minato-ku,
Tokyo 107-6006 Japan
+1 704-333-1533

Email customer.services@omni-id.com for product or technology inquiries.

Visit Omni-ID – the Leader in Passive RFID Tags for Asset Tracking



For more about RFID solutions visit www.omni-id.com or
contact us directly at sales@omni-id.com.

Based in Rochester, NY, Omni-ID has developed original, patented technologies for on-metal and visual tagging to enable a broad range of applications to improve asset tracking, supply chain management and work-in-process. Omni-ID is the leading supplier of RFID tags and visual tagging systems for Manufacturing & Logistics, Energy, IT Assets and Tool Tracking. Omni-ID’s versatile family of products provides a complete range of tags and auto-ID solutions for tracking and identification challenges, with unprecedented accuracy, in any environment.