



# 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 Data<sup>1</sup>

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 Data<sup>1</sup>

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)

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



Omni-ID is the leading supplier of passive, low-profile UHF RFID solutions. Through our patented 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.

Our 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 offices in the USA, UK, Asia and India backed up by a purpose-built manufacturing facility in China, our mission is to drive the widespread adoption of RFID and wider IoT technologies as the optimal tracking and identification devices.

Omni-ID's global presence:

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for all product or technology inquiries and we will be pleased to get in touch.

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