**This high-temperature resistant mount-on metal UHF RFID tag is the largest of this series of RFID tags and has two holes for easy mounting with either rivets or other fastener.**

This mount-on-metal tag offers robust performance at an attractive price. It has two holes for easy mounting with either rivets or other fastener. The UHF RFID tag provides a great read distance of about 18ft or over 5.4m when mounted on metal. Constructed with durable flame retardant 4 (FR-4) laminate, the UHF tag can endure high temperatures of 200°C (even in oil), high humidity, and pressure of up to 15-bar. With an IP68 protection rating, the tag is resistant to vibration and mechanical shock.

**Features**

- Excellent On Metal Read Range
- RoHS Compliant
- Resistant to high temperature – tags tested at 200°C (392°F) for 6 hours, and 200°C in hot oil for 6 hours
- Resistant to humidity – tags tested at 85°C /95% RH humidity test for 168 hours
- Sturdy – tags withstood 1kg iron ball impact test from a height of 1.5m
- IP68 protection rating
- EPC Class1 Gen2 with ALIEN Higgs3
- 1 & 2D barcode printing available
- Encoding available
### Technical Specifications

<table>
<thead>
<tr>
<th>Standards Compliance</th>
<th>EPC Class 1 Gen 2 Compliant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read Range</td>
<td>Read Type</td>
</tr>
<tr>
<td>Off-metal</td>
<td>On-metal</td>
</tr>
<tr>
<td>Min. Range</td>
<td>6.0m</td>
</tr>
<tr>
<td>Max. Range</td>
<td>7.0m</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td></td>
</tr>
</tbody>
</table>

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**Fastenable Mount-on-Metal UHF RFID Tag (116035)**

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**GAO Group**

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