"Metal-Attach® MA02," UHF IC-Tag Label attachable on Metals

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Don’t you have any troubles like followings?

- On-metal tags in the marketplace is expensive, and difficult to print on the label.
- Can not find the IC tags suitable to manage liquid containers, and the data on it can be read from a distance.
- Can not read data properly with a reader, since the angle between the tag and the reader is not matched.
- Can not find more inexpensive IC tag label.

“Metal-Attach®" solves the above problems!

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>Able to use as on-metal tag</td>
<td>You can read data even when the MA02 is put on metal directly</td>
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<tr>
<td>Able to attach on liquid containers</td>
<td>You can read data when MA02 is attached on a plastic bottle or a plastic container</td>
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<tr>
<td>Long communication range (several meters)</td>
<td>since the MA02 uses the UHF band</td>
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<td>Long life-time</td>
<td>Strong adhesive and coated-paper make it possible</td>
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<td>Able to use a common label printer to print on it and to write data on the IC chip</td>
<td></td>
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<tr>
<td>Easy to attach</td>
<td>Just fold at a crease and attach it</td>
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<tr>
<td>Easy to attach</td>
<td>Non-sticky type (MA02-22) with separator-cut is also available</td>
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<tr>
<td>Low price</td>
<td>because using paper</td>
</tr>
<tr>
<td>Able to attach not only on flat surface but also on curved surface</td>
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You can use the “Metal-Attach®" for various applications!

- Production lines: for trucking metal objects
- Distribution stocks: for managing metal pallets
- Factories: for administrating industrial wastes
- Administration of gas cylinders
- Shipbuilding or bridgework: for managing product defects
- Construction sites: for managing building materials
- Plants: for maintenance of pipelines and valves
- Automotive plants: for controlling parts
- Transportation and logistics
- ... and more

Of course, on cardboard

Attach vertically on metal object at shallow angles
### “Metal-Attach®” Specifications

<table>
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<tr>
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| **Inlay**          | ALN-9630  
- IC chip: Alien Higgs-3  
(User memory: Max 512bits) |
| **Standard**       | - EPCglobal Gen2 (V1.2.0)  
- ISO/IEC 18000-6C |
| **Frequency**      | 840 - 960MHz |
| **Communication range** | Max 7m (free space)  
Max 5m (attached on metal)  
* Depend upon environment |
| **Label**          | Size: W100 x D75mm |
|                   | Surface material: Coat paper (160g/m²) |
|                   | Adhesive: Acrylic pressure sensitive adhesive |
|                   | Separator cut: White glassine paper  
- MA02-21: No separator cut  
- MA02-22: With separator cut |
|                   | Processed part: A crease, a slit |
| **Shape**          | Paper core: Inner diameter: 3 inch |
|                   | Number of labels: 502 labels / roll |

We can provide you various customization according to your requests  
Ex. 1) Change of the label size for various applications  
Ex. 2) change of the crease position to increase the space for adhesive

### “Metal-Attach® MA02” price

Open price

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