This UHF soft laundry tag is furnished with a flexible textile with a transponder chip compliant with the ISO 18000-6C standard. It is very thin compared to a standard label and can be easily fixed onto any fabric.

This UHF Gen 2 soft laundry tag was developed for the sheet laundry market especially for work clothes and meets the extreme demands needed for rotary ironing. It is manufactured from a flexible textile with a transponder chip complying with the international ISO 18000-6C standard. This soft-tag is resistant to high temperatures (tunnel finisher) and harsh conditions of various cleaning methods. The tag is very thin at less than 1mm compared to a standard label, and it can be easily fixed onto any fabric using a regular heat sealing machine.

**Key Features**

- Compliant with UHF-Standard ISO 18000-6C (Gen 2)
- Long reading distance
- Bulk reading
- Suitable for use with rotary ironing
- High temperature resistant
- Suitable for dry cleaning
## Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating frequency</td>
<td>865 to 868MHz (EU), 902 to 928MHz (USA)</td>
</tr>
<tr>
<td>Transponder protocols</td>
<td>ISO 18000-6C, EPC Class1 Gen 2</td>
</tr>
<tr>
<td>Reading range</td>
<td>Dry: up to 2m</td>
</tr>
<tr>
<td></td>
<td>Wet: up to 5m</td>
</tr>
<tr>
<td>Read/write memory</td>
<td>96bit EPC memory</td>
</tr>
<tr>
<td>Washing cycles</td>
<td>Up to 80</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C to 65°C</td>
</tr>
<tr>
<td>Processing temperature</td>
<td>12 to 15s at 205°C with standard heat sealing machine</td>
</tr>
<tr>
<td>Material</td>
<td>65% polyester, 35% cotton, backside with hot-melt adhesive</td>
</tr>
<tr>
<td>Dimensions</td>
<td>40mm × 50mm, thickness: 0.9mm</td>
</tr>
</tbody>
</table>
UHF Gen 2 Soft Laundry Tag (116418)

GAO Group
Celebrating Over 15 Years of Innovation

GAORFID.com
GAOTek.com
GAORFIDAssetTracking.com
GAOComm.com
GAO.Instruments.com
GAOFiberOptics.com
GAO.Embedded.com
GAOResearch.com

Toll Free (USA & Canada)
1-877-585-9555

All Other Areas
416-292-0038
Dial Ext.601 for Sales
Ext.602 for Other Inquiries

China: 86-833-2419625
sales@GAORFID.com