



***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

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





**GAO RFID Inc.**

**A Member of GAO Group**

*Celebrating Over 15 Year of Innovation*

*Product Overview*

**UHF Gen 2 Soft Laundry Tag (116418)**



## **GAO Group**

*Celebrating Over 15 Years of Innovation*

[GAORFID.com](http://GAORFID.com)

[GAOTek.com](http://GAOTek.com)

[GAORFIDAssetTracking.com](http://GAORFIDAssetTracking.com)

[GAOComm.com](http://GAOComm.com)

[GAOInstruments.com](http://GAOInstruments.com)

[GAOFiberOptics.com](http://GAOFiberOptics.com)

[GAOEmbedded.com](http://GAOEmbedded.com)

[GAOResearch.com](http://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](mailto:sales@GAORFID.com)