



***This passive RFID laundry tag meets all endurance requirements in terms of heat, pressure and chemical resistance.***

This UHF Gen 2 contactless RFID tag is made of sealed PPS and epoxy materials which allow the tag to withstand harsh treatment including sterilization. It is a perfect solution in laundry applications and is a flexible option in process and factory automation. Non-line-of-sight data transmission allows the laundry tag to be identified without the need for visual contact. This RFID tag also has a flexible read/write range from 0.5m to 1.5m depending on the reader.

**Key features**

- ✓ Non-line-of-sight data transmission allows the laundry tags to be identified without the need of visual contact
- ✓ Substrate material: enable the tag to be durable in high-temperature condition and harsh environment
- ✓ Flexible read/write range: maximum 0.5M write, 1.5M read. Distance varying upon the tested reader
- ✓ Operating frequency: Ultra High Frequency ( UHF)





## Technical Specifications

Type	Contactless read/write
Operating frequency	860MHz to 960MHz
Capacity	96 bit EPC ID
Data coding type	EPC Class 1 Gen2
Common usage	Laundry, waterproof, high temperature applications
Tested read range	Maximum 0.5M write, 1.5 M read. Distance varying upon the tested reader
Multi-detection	Yes
Tag size	24mm ( diameter) x 2.5mm (thickness)
Substrate material	Sealed PPS + Epoxy
Color	Black
Weight	1.7g
Compliance	GEN 2 IMPINJI
Operating temperature	-20°C to 85°C
Storage temperature	-20°C to 110°C for 500 hours
	120°C for 100 hours
	140°C for 5 hours





**GAO RFID Inc.**

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*Celebrating Over 15 Year of Innovation*

*Product Overview*

**Passive Gen 2 RFID Laundry Tag(116413)**



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[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: 86-519-80691090  
86-519-80691089

[sales@GAORFID.com](mailto:sales@GAORFID.com)