

This UHF RFID tag operates in the frequency band of 902 to 928MHz (USA) and 865 to 868MHz (EU). It offers good resistance against high temperatures (tunnel finisher) and harsh conditions of various cleaning methods.

This UHF Gen 2 soft laundry tag is specially developed for laundry and garment application. Encapsulated within a flexible textile with a tiny chip module inside, the RFID tag offers good resistance against high temperatures (tunnel finisher) and harsh conditions of various cleaning methods (dry cleaning processes). It meets the extreme demands of rotary ironing and can be fixed onto any fabric using a regular heat sealing machine.

Key Features

- ✓ Compliant with ISO 18000-6C (Gen 2)
- ✓ Long reading distance
- ✓ Bulk reading
- ✓ High temperature resistant

- ✓ Suitable for rotary ironing
- Suitable for dry cleaning
- Discreet attachment in hemline possible

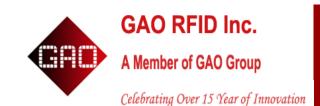




Technical Specifications

Device Type	Class 3 RFID (battery-assisted passive) single chip transponder
Operating Frequency	902 to 928MHz (North America); 865 to 868MHz (Europe/India)
Modulation	Amplitude modulated forward link (reader to tag)
	Frequency modulated reverse link (tag to reader)
Date Rates	8kb/s forward link
	8 kb/s or 32kb/s reverse link
Data Retention	10 years at 85°C
Memory	64kb total, 60kb rewritable non-volatile user memory
Battery Life	Up to 5 years depending on use; data is persistent and also readable
	at close range upon battery expiration
Enclosure Protection	IP67
Operating and Storage	-20°C to 60°C/-4°F to 140°F
Temperature	
Shock	IEC 60068-2-32, test Ed
Vibration	IEC 60068-2-6, test Fc
Dimensions	75mm × 75mm × 15.8mm/2.95" × 2.95" × 0.62" (L × W × D)
Other Features	Password-controlled read, write, 1kb block level locking and
	permalock







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