



This UHF RFID tag survives the high temperatures encountered in the tire curing process and is robust enough to remain operational throughout the operating life of the tire.

This UHF Gen 2 RFID tire tag is designed for embedding in the tire mould prior to the manufacture and curing of the tire. It survives the high temperatures encountered in the tire curing process and is robust enough to remain operational throughout the operating life of the tire. The EPC Class 1 Gen 2 RFID tag is attached by a permanent adhesive to the inside tire wall with a special formulated dual cure chemical or heat process. It can be built into truck tires that can be recapped several times.

Key Features

- ✓ Frequency: 860 to 950MHz for worldwide application (optimized for 916MHz)
- ✓ Read range: up to 1m or 3ft. when built into the tire
- ✓ Flexible construction to withstand tire deformation for the lifetime of the tire
- ✓ Able to read and write user data into tag's internal memory
- ✓ 192bit user memory
- ✓ Factory programmed tag identification number to prevent cloning





Technical Specifications

Tag Protocol	ISO16000-6C, EPC Class 1 Gen 2
Write Range	70% of read range
Polarization	Linear
Memory Resolution	Single byte addressing and locking
Memory Organization	96bit programmable EPC number with lock capability 192bit user memory with lock capability
Dimensions (mm)	120 (L) × 35 (W) × 5 (H)
Weight	10g/0.35oz





GAO RFID Inc.

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Product Overview

860 to 950MHz Gen 2 RFID Tire tag (116043)



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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