

## UHF RFID Tire Tag- spec sheet



UHF RFID Tire Tag, one of the RFID tags, is designed for vehicle tire management and tracking. This tag is sealed with the same base material as the tire. It can withstand the high temperature and pressure inside the tire.

Xinyetong RFID Tire Tag uses the Alien H3 chip, working on 860~960 MHz frequency. It follows the EPC Class1 Gen2 standard, applying to the global. It can be firmly stick on polished tire surface, not easy to fall off.

### Parameters

Item	RFID Tire Tag	Color	Blue and black	Working Temperature	-25°C to 65°C
Material	Rubber	Size	95*35*2.7mm	Data Retention Time	10 years
Write Endurance	100000 times	Chip	Alien H3	Protocol	ISO18000-6C, EPC C1 GEN2
Frequency	860~960 MHz	Reading Distance	0-6cm	Memory	Depend on chip

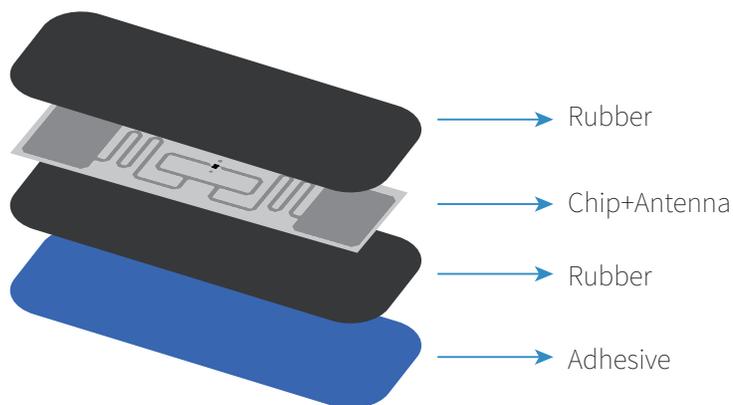
### Dimensional Diagram



95\*35\*2.7mm



128\*100\*5mm

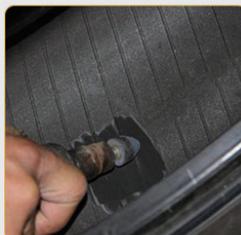


01.



Clean the tire surface with a professional cleaning agent

02.



Polish the surface of the tire that needs to be labeled

03.



Clean up particles and dust and apply tire glue

04.



It will be firm after 5-10 minutes after sticking the label

## Available chips

### 860~960 MHz UHF Chips

Chip Name	Protocol	Capacity	Frequency
Alien H3	ISO18000-6C	512 bits	860~960 MHz
Impinj Monza 4	ISO18000-6C	96 bits	860~960 MHz
UCODE G2iL	EPCglobal Class1Gen2	128 bits	860~960 MHz

## Feature

- ▶ **Convenient to Management.** Installing an RFID tire tag, each tire has an identification number, same as id card.  
So even the tire leaves the factory, when it is broken, it can also be recycled and controlled.
- ▶ **Efficient and Fast.** Using an RFID read-write device, users can scan dozens of tire at once to achieve batch acceptance.
- ▶ **Prevent Theft.** It is not easy to be illegal to steal, because tires with cryptographic operations.

## APPLICATIONS

- Tire Tracking and Management
- Transportation Management
- Annual Inspection Management
- Racing Management
- Other Application