

135mm*21mm UHF On-Metal RFID Tag- spec sheet



UHF ABS Anti-metal Tags have good physical properties as well as RF performance. Physical properties include heat resistance, corrosion resistance, waterproof, anti-impact, etc.

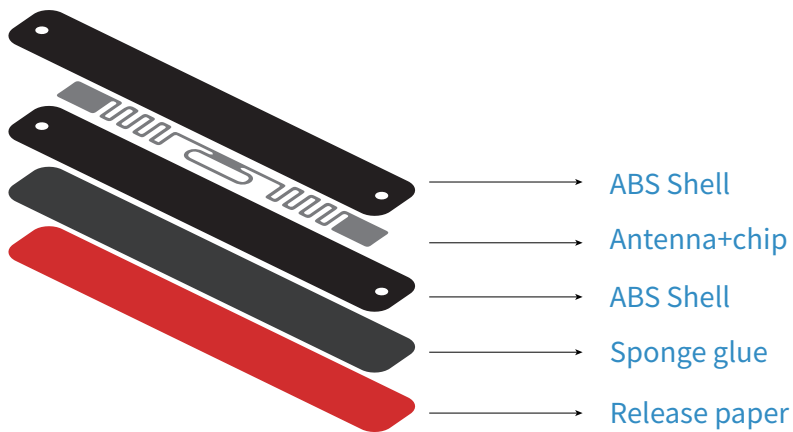
And RF performance includes multi-label identification, high sensitivity & speed, long reading distance, etc.

RFID ABS Anti-metal Tag is very suitable for warehouse pallets, equipment inspection, asset management, and so on.

Parameters

Item	135*21mm UHF ABS Anti-Metal Tag	Material	ABS	Working Temperature	-25°C to 65°C
Eeprom	depend on chips	Size	135*21mm	Data Retention Time	10 years
Chip	Alien H3, M4E, M4D, M4QT, MR6	Reading Distance	0.5-10 m (depends on reader and working environment)	Thickness	5-12 mm
Frequency	860~960 MHz	Write Endurance	100000 times		

Dimensional Diagram



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

- ▶ Capable for reading on, off, and near metal surfaces
- ▶ long-range passive UHF RFID tag
- ▶ Rugged design for long-term outdoor and industrial environments.
- ▶ Ideal for tote tracking, logistics, postal, and retail supply chain.
- ▶ Wide read range, up to 26.2 ft. (8 m)
- ▶ High memory content, providing a large volume of information
- ▶ Fast Operating Frequency, Global (860-940 MHz)
- ▶ Adaption to various temperature conditions
- ▶ High durability, capable of resisting various kinds of conditions and treatments

APPLICATIONS

- Warehouse pallet tracking and management
- IT case management
- Electrical box and electrical facilities management
- Indoor & Outdoor Metal office facilities management
- Metal container management
- Vehicle management