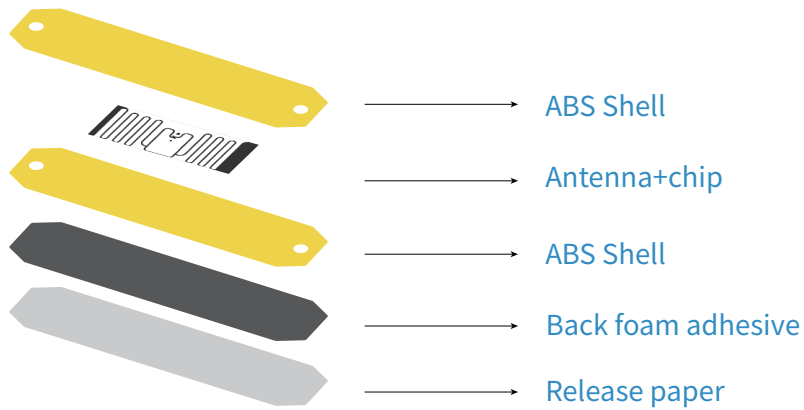# UHF Waterproof ABS Anti-Metal RFID TAG- spec sheet

UHF anti-metal abs RFID tag has excellent and stable identification performance, reading distance can reach 8 meters, and therefore the price is low. It's easy to connect to metal surfaces.

Rugged RFID hard tags are also good for item identification, process control, factory automation, access control, and security. What's more, internal control, supply chain management, and enormous rental equipment also workable.

Parameters

Compliance	EPC Class1 Gen2; ISO18000-6C	Material	ABS	Storage Temperature	-25℃~+70℃
Weight	10g	Size	85mm*20mm*11mm	Storage humidity	5%~95%
Chip	Impinj M4QT/R6	Memory	M4QT：EPC 128bits, user:512bits	Color	grey white ,color customized with MOQ 10000pcs
Frequency	902-928MHz	Positioning hole size	diameter 3.8mm, its central distance 76mm	Read distance	Up to 6 meters (EIRP=4W)

Dimensional Diagram

Φ3mm
28mm
88mm
10mm

Φ3mm
31mm
115mm
13mm

Φ4mm
21mm
135mm
20*5mm
13mm

Φ4mm
31mm
152mm
11mm

ABS Shell

Antenna+chip

ABS Shell

Back foam adhesive

Release paper

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

- Long-range read distance(0-10m)
- Anti-collision communication protocol
- Can effectively read up to 50 tags per second
- High-temperature resistance
- Corrosion resistance
- Waterproof and Durable
- Easy to install

APPLICATIONS

- Warehouse shelves and vehicle management
- IT case management
- Middle-sized and large metal container management
- Electrical box and electrical facilities management

- Indoor & Outdoor Metal office facilities management
- Metal container management
- Forklift, vehicle management