



## UHF On-Metal Tag Robust UHF RFID Asset & Logistics Tag



It is the most economic Metal Tag suitable for any metal objects tagging. It is designed for high-performance and this Tag can be made as a reusable tag. Its rugged and durable package well adapts it to any harsh environment like weather, Chemical and rugged to endure every tough conditions.

Easily mounted on metal using screw or industrial glue, the elaborately design and manufactured housing structure enables the tag to be truly waterproof.

### Key Features

- Designed for outdoor use and strong impact resistance
- Worldwide frequency coverage (EU, US)
- Designed for Metal surface application
- Antenna designed for optimum performance
- Read/Write capability

### Physical Characteristics

Size (mm)	18*9*3, 22*8*3, 36*13*3, 53*13*3, 66*4*3.0 70*20*3.0, 70*20*3.4, 70*20*3.7 90*5*3.7, 90*8*3.7, 90*11*3.0, 90*11*3.4, 90*11*3.7 95*22*3.0, 95*25*3.0, 95*25*3.4, 95*25*3.7 112*20*3.0
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Material	PCB
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### User Environment

Operating Temperature	-25°C to +70°C
Storage Temperature	-40°C to +80°C

### Performance Specifications

Functionality	Read/Write
Memory	EPC96-128 bit, User Memory 512 bit
Operation Frequency	860-960MHz
Protocol	EPC Class1Gen2 (ISO18000-6C)
Chip	Impinj M4 or Alien H3/H4
Color	Black
Protection	IP63
Read Distance on Metal	<b>2W ERP, free space:</b> 18*9* 3mm:1.5m if Fixed RFID reader ; 0.3m if handheld reader 90* 11* 3.7mm:3.5m if Fixed RFID reader ; 1m if handheld reader 112* 20* 3mm:6m if Fixed RFID reader ; 1.5m if handheld reader