

# DELTA TAG



APK ID Delta Tag is a passive RFID rugged hard tag that delivers exceptional performance specially when attached to metal surfaces like iron, steel, aluminum etc.

**Features :**

- The tag is built to withstand harsh environment & chemical exposure
- Works seamlessly on all metallic surfaces.
- Dust and water proof
- Optional configuration for free air application

**Applications:**

- Cargo and container tracking
- Automotive conveyances
- Returnable assets
- Industrial tools and equipment
- Warehouse racks and storage
- Forklifts and heavy machinery

**Tag Specification Data**

	Low Frequency	High Frequency	Ultra High Frequency
ISO Protocol	ISO 18000-2	ISO 14443/ ISO 15693	ISO 18000-6C
Operating Frequency	125kHz/134.2kHz	13.56MHz	860-960 MHz
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon	Alien, NXP, Impinj
Memory	IC dependent	IC dependent	IC dependent
Data Retention	Up to 10 years	Up to 10 years	Up to 50 years
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles	Up to 100,000 cycles
Material	Special Thermoplastic	Special Thermoplastic	Special Thermoplastic
Diameter Available	28x28x8mm	28x28x8mm	28x28x8mm
Weight	Max. 9g	Max. 8g	Max. 8g

Datasheet

**Environmental Test Data**

Ingress Protection	IP67
Storage Temperature	-5°C to +80°C
Operating Temperature	-5°C to +80°C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to water, Washing agents, Ethanol, Detergents, Oils and greases.

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