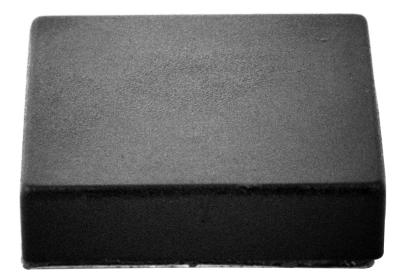# APK-ID
Your SMART choice for RFID products

DELTA TAG

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

Features:
-Tag is built to withstand harsh environment & chemical exposure
-Work 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	865-868/902-928MHz
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon	Alien, NXP
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	PC / ABS	PC / ABS	PC / ABS
Dimension	28x28x8mm	28x28x8mm	28x28x8mm
Weight	Max 9.0g	Max 8.0g	Max 10.0g

Environmental Test Data

Ingress Protection	IP67
Storage Temperature	-5^{0}C to +80^{0}C
Operating Temperature	-5^{0}C to +80^{0}C
Vibration Resistance	Excellent
Shock Resistance	Excellent
Impact Resistance	Good
Chemical Resistance	Highly resistive to Water Washing agents Ethanol Detergents Most oils and greases.