INDUSTRIAL TAG

APK Identification Industrial tags are hard tags made for versatility and durability. Tags are disc in shape and can withstand harsh and extreme rough handling.

Features:

- The tag is built to withstand harsh environment & chemical exposure
- Dust and Waterproof
- Available in various memory and ISO protocols
- Works seamlessly on all non metallic surfaces.
- Optional configuration for Mount on Metal application

Applications:

- Cargo and container tracking
- Returnable assets
- Industrial tools and equipment
- Warehouse racks and storage

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, 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 Thermoplastics		Special Thermoplastics		Special Thermoplastics	
Dimension Available	16x3mm	22x2.3mm	25x3mm	30x3mm	50x3mm	
Center Hole			3mm	3mm	5mm	
Weight	Max. 1g	Max. 1.2g	Max. 2g	Max. 3g	Max. 12g	

Environmental Test Data

Ingress Protection	IP68
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, Oils and greases.

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