

EPOXY POTTED TAG

APK Identification Epoxy 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 10 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
Dimension Available	12x5mm 16x3mm	18x1.6mm 20x2.7mm	25x5mm 30x3mm 50x5mm
Center Hole	-	-	5mm
Weight	Max 1.1g Max 1.3g	Max 1.2g Max 1.2g	Max 4.5g Max 4.0 Max 14.0g

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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