



APK Identification offers Nail tag in two dimensions viz. Ø12mm and Ø8.5mm. Tag resembles nail in shape and can be hammered in pre holed wood or wall easily. Thanks to its groves, the tag fits tightly in the hole and is impossible to remove without damaging the tag.

Features:

- Tag is built to withstand harsh environment & chemical exposure
- Dust and Waterproof
- Available in various memory and ISO protocols

Applications:

- Factory Floor Management
- Wood Log tracking
- Tree Identification
- Returnable assets
- Industrial tools and equipment
- Warehouse racks and storage

Tag Specification Data

	Low Frequency	High Frequency
ISO Protocol	ISO 18000-2	ISO 14443/ ISO 15693
Operating Frequency	125kHz/134.2kHz	13.56MHz
IC Type	NXP, Silicon craft, Atmel EM, Texas Instruments	NXP, Legic, Infineon
Memory	IC dependent	IC dependent
Data Retention	Up to 10 years	Up to 10 years
Programming Cycle	Up to 100,000 cycles	Up to 100,000 cycles
Material	Special Thermoplastic	Special Thermoplastic
Dimension Available	Ø12x15mm	Ø8.5x10mm
Weight	Max 1.2g	Max 1.0g

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 Most oils and greases.

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