

RFID LABEL

APK Identification Labels are laminated tags made for versatility and durability. The tag comes with top white opaque layer and can be printed or laser marked

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:

- Returnable assets
- Industrial tools and equipment
- Warehouse racks and storage
- Asset tracking and inventory

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 | PC / PVC / PET-G | | PC / PVC / PET-G | | PC / PVC / PET-G | |
| Diameter Available | 20mm | 25mm | 27mm | 30mm | 35mm | Customize |
| Thickness | 0.4-1.0mm | 0.4-1.0mm | 0.4-1.0mm | 0.4-1.0mm | 0.4-1.0mm | Customize |

Environmental Test Data

| | |
|-----------------------|---|
| Ingress Protection | IP67 |
| Storage Temperature | -5°C to +50°C |
| Operating Temperature | -5°C to +50°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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