



Tag Specification Data

	High Frequency	
ISO Protocol	ISO 14442/15693	
Operating Frequency	13.56MHz	
IC Type	NXP	
Memory	IC dependent	
Data Retention	Up to 10 years	
Programming Cycle	Up to 100,000 cycles	
Material	Special Thermoplastic	
Outer Dimension	Ø16x3mm	Ø22x2.3mm
Inner hole diameter	-	3mm
Weight	Max 0.9g	Max 1.7g

Environmental Test Data

Ingress Protection	IP68
Operating Temperature	-20°C to +85°C
Maximum Temperature Exposure	-20°C to +140°C, +180°C for 10minutes
Pressure	Up to 300Psi for 45 seconds
Shock Resistance	Excellent
Vibration Resistance	Excellent

Chemical Resistance
Highly resistive to
Washing agents
Ethanol
Detergents
Most oils and greases.

APK Identification Laundry tags are available in two sizes viz. 16mm and 22mm. These high frequency tags are specifically designed for textile service applications requiring rugged RFID tag that can withstand harsh environmental conditions.

Features:

- Small form factor
- Most suitable for tracking garments and apparels.
- Can be sewed inside the cloth
- Tag is built to withstand harsh environment & chemical exposure
- Dust and Waterproof
- Available in various memory and ISO protocols

Applications:

- Laundry Management
- Garment tracking and identification
- Industrial automotive tracking
- Industrial tools and equipment
- Warehouse racks and storage

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