

# GLASS TAG

APK Identification offers Glass tag in various sizes and frequencies allowing tagging of almost all types of animals ranging from fish to cattle. Glass tags are made up of bio-compatible glass and are suitable for injecting in livestock.

**Features:**

- Tags are built from bio-compatible glass which can be injected in animals safely.
- The tag is also available in dual frequency (Combi tag- LF+HF)
- Available in various size and frequency
- Dust and Waterproof
- Available in various memory and ISO protocols

**Applications:**

- Livestock tracking and identification
- Glass parts tracking

## 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	Bio-compatible Glass	Bio-compatible Glass
Dimension Available	12x2mm   14x3mm	22x4mm   32x4mm   34x4mm
Weight	Max 0.2g   Max 0.3g	Max 0.6g   Max 0.9g   Max 1.0g

Datasheet

## Environmental Test Data

Ingress Protection	IP68
Storage Temperature	-5°C to +60°C
Operating Temperature	-5°C to +60°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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