



GT001 is a '**glass tag**' made of biocompatible glass, a transparent, chemically stable and versatile material. Cylindrical in shape, **it measures 3.85 mm x 32 mm**. It is uniquely designed for the needs of any contactless RFID application in **pet, farm and laboratory animal management**. This glass tag can be applied via ingestion – it is housed inside a ceramic envelope that is

easily ingested by animals – or embedded into rings tied to the legs of birds, or even injected into the ear lobe. This highly durable tag **protects the electronic components from exposure to aggressive chemicals**, ensuring high readability and excellent stability at variable temperatures. Transparent in colour, it is available in LF with the **SIC279 chip (HDX compatible)**, and can be

customised using laser technology.

MARKETS

The **IP68** rating means it is highly resistant to dust and water. In fact, this tag is suitable for **tracking animals**, where it comes into contact with liquids.



frequency 125 kHz

RFID features

Chip	Memory	ISO Standard
SIC279	16/24 bytes	ISO 11784 / 11785

Technical specifications

Application	Metal/non-metal surfaces
IP rating	68
Dimensions	ø 3.85 x 32 mm
Material	Glass
Application method	Embedding
Operation temperature	-25°C ~ +85°C
Storage temperature	-40°C ~ +90°C
Max temperature	+120°C for 100 hours, +140°C for 10 hours

Customisation

Colour	Transparent
Type of printing	Laser printing
Type of numbering	Laser technology

