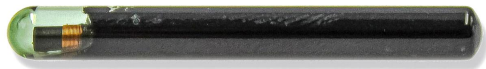


RFID HARD TAG GT001

MARKETS:



Healthcare



Industry



Waste
management

COLOUR:



Transparent

The GT001 is a **"glass tag,"** a specialised RFID transponder made from biocompatible glass. This material is transparent, chemically inert, and highly versatile. Cylindrical in shape, **it measures 3.85 x 32 mm.** Its unique design allows it to adapt to a wide range of contactless RFID applications, particularly within the management of **pets, livestock, and laboratory animals.** This glass tag can be applied in several ways: via ingestion, where it's housed within an easily digestible ceramic bolus; by incorporation into leg rings for poultry; or through injection into the ear lobe. It boasts high resistance, **protecting its electronic components from aggressive**

chemical agents, ensuring excellent readability and outstanding stability across varying temperatures. The GT001 is transparent, available with the **SIC279 chip (HDX compatible) in LF (Low Frequency),** and can be customised using laser technology.

MARKETS

With an **IP68** rating, the GT001 is highly tolerant to dust and completely waterproof. This makes the tag ideal for **animal tracking** where it comes into contact with liquids. Additionally, its robust and waterproof nature also makes it useful for **waste tracking applications.**



frequency 125 kHz

RFID features

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

Technical specifications

Application	Metal and non-metal surfaces
IP rating	68
Dimensions	ø 3.85 x 32 mm
Material	Glass
Application method	Embedding
Operating 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 and numbering	Laser technology

