



GT002 is a '**glass tag**', thus made of glass, a transparent, chemically stable and versatile material. Cylindrical in shape, it is available in two sizes: \varnothing 2.12 mm x 12 mm and \varnothing 3 mm x 13 mm. This small size allows the tag to be easily embedded in any surface, whether metal or non-metal (plastic, wood, paper, water). Furthermore, the high resistance of glass protects the electronic components from exposure to aggressive chemicals, ensuring that readability remains

unaffected even when immersed in liquids, and providing excellent stability at variable temperatures. Transparent in colour, GT002 is available in LF with **EM4200 and EM4305 chips**, and can be customised using laser technology.

MARKETS

With an **IP68 protection rating**, the GT002 glass tag is sealed against smoke and dust, and is resistant to prolonged immersion in water. It is also **ATEX-certified** for safe use in

potentially explosive environments. Designed for **waste management and industrial settings**, automated asset identification and management, it is suitable for monitoring instruments, equipment, pharmaceuticals, production inventories, metal drums, gas cylinders and waste containers.



frequency 125 kHz

RFID features

Chip	Memory	ISO Standard
EM4200	0 bytes - UID: 8 bytes	ISO 11784 / 11785
EM4305	64 bytes - UID: 4 bytes	ISO 11784 / 11785

Technical specifications

Application	Metal/non-metal surfaces
IP rating	68
Dimensions	ø 2.12 x 12 mm and ø 3 x 13 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

