

Glass Tubes are small RFID tags under sealed glass column with a non-slip surface material.

They answers a good chemical stability with a long life and can be submerged in the water.

Glass Tubes are available in several sizes and frequencies, with unique ID number, advanced security features (data integrity check, encrypted authentication)



## Applications

- Animal tracking
- Biological identification
- Item management and tracking
- Dairy control
- Industrial tracking

## Functional specifications

Type	LF / HF
Frequency	Low Frequency 125 KHz or 134KHz High Frequency 13,56MHz
Air interface protocol	ISO11784 / ISO11785 / ISO15693
Chip types	125 KHz: EM4200, EM4205 FDX-B 134KHz: EM4205, Hitag S 2K 13,56MHz: Icode SLI-X
Functionalities	Read write / Read only (depends on the chip)

## Physical specifications

Dimensions	3,85x31,5mm, 12x2 mm, 13x3mm, 1.4 x 9mm, D2.12x12mm, 4x34mm D3x15mm
Tag Material	Internal lead-free non-toxic material, external glass plus biological layer
Packaging	In bio-glass package, the chip is integrated in a sealed glass column

## Environmental and industry compliance

Storage Temperature	-40°C to +80°C
Operating Temperature	-20°C to +80°C

## Item codes

GTBF00247	Glasstube LF 125 Khz EM4200 3,85x31,5 mm
GTBF0063	Glasstube LF 134 Khz EM4205 FDX-B 12x2 mm
GTBF0064	Glasstube LF 125 Khz Hitag S 2K 13x3 mm
GTBF0271	Glasstube LF 134Khz EM4205 3.85x23mm
GTHF00740	Glasstube HF 13,56 Khz ISO 15693 Icode SLI-X, D2.12x12mm
GTHF0837	Glasstube HF 13,56 Khz ISO 15693 Icode SLI-X, D3x15mm

### V2.0

Document non contractuel