

GLASS TAGS (Bio-Grade)

 **RoHS Compliant**

FEATURES:

ISO 11784/11785 Standards Compliant
FDX A or FDX B versions
Read Only or Read/Write Versions
134.2KHz, 125KHz or 13.56MHz Tags
Bio-Grade

APPLICATIONS:

Animal and Pets ID
Asset Management
PCBA / Container Tracking
Proximity Access Control
Waste Management
Vehicle Identification



FUNCTIONAL SPECIFICATIONS:

Operating Frequency	134.2KHz +/-6KHz	125KHz +/-6KHz
ISO Standard Compliance	ISO 11784/85	ISO 11784/85
Memory Type	EM4105 - 128 bits, R/O Hitag S256 - 256 bits, R/W EM4569 - 512 bits, R/W EM4305 - 512 bits, R/W Hitag S2048 - 2048 bits, R/W	EM4105 - 128 bits, R/O Hitag S256 - 256 bits, R/W EM4569 - 512 bits, R/W EM4305 - 512 bits, R/W Hitag S2048 - 2048 bits, R/W

PHYSICAL SPECIFICATIONS:

Length (mm) x Dia (mm)	32 x 3.85; 23 x 3.85; 12 x 2.15	32 x 3.85; 23 x 3.85; 12 x 2.15
Tolerance (mm)	+/-1 (length) and +/-0.1 (Dia)	+/-1 (length) and +/-0.1 (Dia)
Material	Bio-Grade Glass	Bio-Grade Glass

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-25 to + 85	-25 to + 85
Storage Temperature (Deg C)	-40 to +85	-40 to +85
Hermetic Sealing	IP68	IP68
Mechanical Vibration	10g, 10-2000Hz, 3 axis, 2.5 hrs	10g, 10-2000Hz, 3 axis, 2.5 hrs
Mechanical Shock	40g, half-sine, 18ms, 6 axis, 2000 times	40g, half-sine, 18ms, 6 axis, 2000 times

1) Read Distance varies for different tag sizes and depends on the User's reader antenna

2) Glass Tags also available at 13.56 MHz

3) Glass Tags with other ICs from NXP, EM, Infineon, Atmel, ST Micro, TI, Legic or other semiconductor manufacturers are also available as per customer requirements.

4) Request availability for other custom sizes or Non-ISO glass tags

Syrma Technology reserves the right to change the product information, specification, features or data without any prior notice at any time. Syrma Technology does not take any responsibility for customer product/system design or performance when used with specifications not mentioned above.

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