

DATASHEET

Glass Tag

Tag Code: L131219

RFID Glass tags are ideal for animal identification as well as medical testing applications. They are also suitable for automotive applications such as immobilizer. These tags are available in various sizes with different Chips & memory sizes.



Electrical Specification

Air Interface Protocol	ISO/IEC 11784/85, Read Only Mode, Animal Mode
Operational Frequency	134.2kHz (125kHz on request)
Chip**	NXP Hitag μ
	Memory organization HITAG μ Advanced+ (1760 bit)
	Memory organization HITAG μ Advanced (512 bit)
	Memory organization HITAG μ (128 bit)

Physical / Mechanical Specification

Dimension	2 X 12 mm	3 X 14 mm	4 X 22 mm	4 X 34 mm
Weight	0.12 gm	0.25 gm	0.70 gm	12 gm
Encasement	Bio Glass			
Color	Black/Transparent			
Quality Assurance	100% read tested			

Environmental Resistance

Operating temperature	-40°C to +85°C
Storage temperature	-40°C to +85°C
Ingress protection rating	IP68
Attachment***	Syringe Injection
Expected Lifetime	Years in normal operating condition

Dimensions



Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Additional Services

Pre-encoding	On request
Customization***	Logo / text printing on request

* Actual Read range may vary depending upon the reader and environmental factor

** Other on request

*** Available as an option at extra cost

Order Information

Part No.	Description
L131132	With EM 4305
L131192	With ATA 5577

Omnia Technologies Pvt. Ltd.

Corporate Office

Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124) 4366174, 4366411, +91 (124) 4366410 (Fax)