



RFID Glass Tag

Description The glass tags has been developed for subcutaneous injection, which is widely used for small identification. This glass tag can be used to identify any any pet like cat, dog, furret, horse, fish and exotic animal. All products conform to ISO standards and are available with parylene coat-ing to prevent migration of the tag once implanted.

Chip Type:	125KHz	FDX-A	T5577, iTrackF20
	134.2KHz	FDX-B	EM4305, Hitag S256, iTrackS20, iTrack X20L
	134.2KHz	HDX	CET5999
	125KHz	EM ID	EM4200
	13.56MHz	ISO14443A, ISO15693	NTAG203, NTAG216, I CODE SLI, NeroX122

Physical:	Diameter:	1.25mm, 1.4mm, 1.5mm, 2.12mm, 3mm, 3.85mm, 4mm	± 0.1 mm
	Length:	7mm, 6mm, 8mm, 10mm, 12mm, 13mm, 15mm, 23mm, 32mm, 34mm	± 0.4 mm
	Size:	1.25x7,1.4x8,1.5x8,1.5x7,2x6,2x8,2x10,2x12,2x15,3x13,3.85x23,3.85x32,4x43mm	
	Material:	BIO GLASS 8625	
	Color:	Transparent	
	Weight:	for example, 2x12mm, 95 ± 20 mg	

Electrical:	Operating frequency:	134.2KHz, 125KHz, 13.56MHz
	Reading distance:	around 6cm by handheld animal reader H20-F-G4(depend on different reader antenna, different size of tag, etc)
	Regulations:	ISO compliant 11784 - 11785

Chemical: Waterproof Chemical: according to IP68
Resistance to immersion in salt water, alcohol, oil, 10 % HCL an; 100 hours

Mechanical:	Shock:	IEC 68-2-29
	Vibration:	IEC 68-2-6

Thermal:	Storage range:	-40 °C to +90 °C, 1000 hours
	Operating range:	-25 °C to +85 °C
	Peak temperature:	+120 °C 100 hours
		+140 °C 10 hours

Remark: The performance highly depends on the type of reader, antenna design and environmental conditions. We could supply the glass tags with syringes. One complete kit include: glass tag + syringe + needle + sterilization + coating + barcode + numbers encoding.