CMRFID (California)
✉ allen@cmrfid.com
☎ +1 213 393 0528

CMRFID (Brazil)
✉ Rinaldo@cmrfid.com
☎ +55 11 964337000

CMRFID (Dubai)
✉ Iman@cmrfid.com
☎ +48 574 549 256

CMRFID (Shanghai)
✉ Javier@cmrfid.com
☎ +86 18601658083

CMRFID Glass Tag

Product Introduction

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 pet like cat, dog, ferret, 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.

Performance parameter

Chip Type		
134.2KHz	FDX-B	EM4305
13.56Mhz	NFC, ISO14443A	NFC, ISO14443A

Physical Parameters	
Diameter	1.25mm, 1.4mm, 2.12mm, 3mm
Length	7mm, 8mm, 12mm, 13mm
Size	1.25x7mm, 1.4x8mm, 2.12x12mm, 3x13mm,
Material	BIO GLASS 8625
Color	Transparent
Weight	for example, 2x12mm, 95 ± 20 mg

Physical Parameters	
Operating frequency	134.2KHz, 13.56MHz
Reading distance	around 10cm by handheld animal reader CM5200 (depend on different reader antenna, different size of tag, etc)
Regulations	ISO compliant 11784 - 11785

Performance parameter

Chemical

Waterproof Chemical	according to IP68
Resistance to immersion in salt water, alcohol, oil, 10 % HCL and100 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.