



# Glass Tag Mini



## SAFE, RELIABLE, EFFECTIVE MICRO-SIZED TAGS FOR SMALL PETS AND LAB ANIMALS

- ▣ **Unsurpassed quality** . Fully automated manufacturing and direct-bonding technology ensure tag reliability
- ▣ **Smallest subcutaneous tag** . Minimal injection perforation ensures fast animal recovery and excellent acceptance
- ▣ **Optimum operation** . The highest out-of-box performance ratings in the industry

Smaller than a grain of rice, the HID Global Glass Tag Mini transponder delivers big performance. Patented HID direct-bonding technology enables the compact tag design and optimized read range featured in the Glass Tag Mini. This tiny tag implants subcutaneously with minimal invasiveness. Even small animals, like fish and mice, will experience negligible injection trauma and excellent acceptance. The enclosed technology chip meets ISO 11784-85.

As with the entire line of Glass Tag contactless RFID transponders, HID employs fully automated processes to ensure consistent quality and reliability. Standard Glass Tag units are enclosed in biocompatible glass, making them harmless to animals. The optional parylene

coating improves and accelerates tissue adhesion, preventing the movement of tags implanted subcutaneously.

Veterinary professionals trust Genuine HIDi quality transponders for implantation. Glass Tag units perform reliably over the long term, minimizing the potential for traumatic tag removal and replacement procedures. The Glass Tag Mini tag is the smallest tag in HID Global's broad glass tag portfolio. The variety of sizes available ensures HID has a tag available to fit any animal, from fish and small mammals to cats, dogs, goats, sheep and horses.

### TECHNOLOGY HIGHLIGHTS:

- ▣ Less than 1/3 in (8 mm) long; thinner than a grain of rice
- ▣ ISO 11784, 11785 and 14223 compliant
- ▣ Bioglass capsules with optional parylene coating ensure optimal biocompatibility
- ▣ Unlimited resistance to water and chemical absorption
- ▣ 128 bit user memory

#### APPLICATION AREAS:

##### Animal Identification

- Laboratory and exotic animals:  
Mice, Rats, Fish, Ferrets...etc.
- Small pets:  
Cats, Dogs, Birds...etc.

##### Industry & Logistics

- Custom enclosure
- Inventory tracking
- Warranty validation
- Equipment calibration



HID Global can create a custom tag solution to fit your application requirements for chip type, dimensions, programming and materials.

## SPECIFICATIONS

Glass Tag Mini	
<b>Base Model Number</b>	6B3290
ELECTRONIC	
<b>Operating Frequency</b>	134.2 kHz*
<b>Chip Type</b>	Hitag $\mu$
<b>Memory</b>	128 bit EEPROM
<b>Reading Distance</b>	Dependent upon reader, environment and application
PHYSICAL	
<b>Dimensions</b>	$\varnothing$ 0.05 x 0.31 in ( $\varnothing$ 1.4 x 8 mm)
<b>Tagging Method</b>	Subcutaneous
<b>Housing Material</b>	Bioglass
<b>Weight</b>	0.001 oz (0.03 g)
CHEMICAL AND MECHANICAL RESISTANCE	
<b>Water IP68</b>	IP68, 68° F (20° C), 3.3 ft (1 m) x 24 h
<b>Withstands Exposure To</b>	Alcohol, ammonium chloride 25%, fuel B, hydrochloric acid 10%, saltwater
<b>Environmental Test Conditions</b>	68° F (20° C), 100 h
<b>Vibration</b>	IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]
<b>Shock</b>	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times]
THERMAL	
<b>Storage</b>	-40° to +158° F (-40° to +70° C)
<b>Operating</b>	-40° to +158° F (-40° to +70° C)
<b>Peak</b>	248° F (120° C), 100 h; 284° F (140° C), 10 h
OTHER	
<b>Standards</b>	ISO 11784, ISO 11785, ISO 14223
<b>Options</b>	Parylene coating (when ordering coating, increase base model number by one), custom programming
<b>Warranty</b>	2 years

\*Also available in 125 kHz, ATEX certified for industrial applications, model number 6B3294.