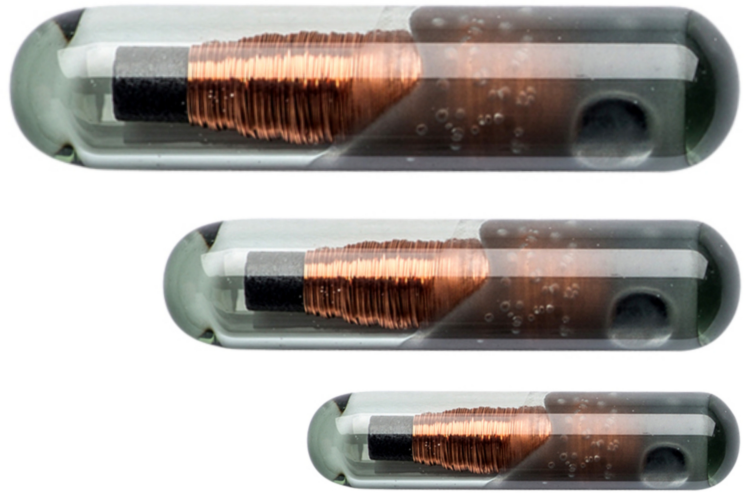


IDT GLASS TAG

RFID Animal Identification Tags



IDT glass tag for animal identification are passive tags used for identification of livestock, health record keeping, insurance and slaughter houses. They are thrust through injectable applicator. They provide adequate reading range to detect livestock. Encoding of these tags are also available for customization application. It is a reliable solution for secure authentication as the tag is under the skin. This tag is available in three sizes.

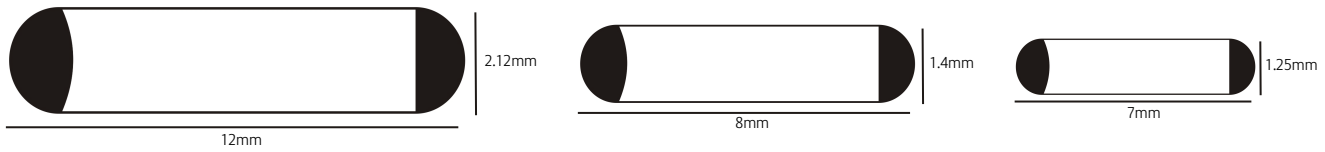
PHYSICAL PARAMETERS

Dimensions	Tag 2.12mmx 12mm	Tag 1.4mm x 8mm	Tag 1.25mm x 7mm
Weight	1.5gm	1gm	1gm
Encasement/Material	Bioglass		
Packaging	Sterilized Premium Plastic Packing		

RF SPECIFICATIONS

Protocol	ISO 11784, ISO 11785 (FDX-B)	
Operating Frequency	134.2 kHz	
Read Range Fixed Reader	Up to 30 cm (Reader Dependent)	15 cm
Read Range Handheld Reader	Up to 10 cm (Reader Dependent)	
IC Type	Em4305	Hitags256
UID Memory	32 Bit	32 Bit
User Memory	512 Bit	256 Bit
Lock Feature	Converts EEPROM To Read Only	
Data Retention	10 Years Non Volatile Data Retention	
Read Write Cycle	Upto 1,00,000	

RFID ANIMAL TAG DIMENSION



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-25°C to +85°C
Storage Temperature	-40°C to +85°C
IP Rating	IP 68
Chemical Resistance	Alcohol, ammonium chloride 25%, fuel B, HCL 10%, salt water
Shock & Vibration	IEC 68.2.29 [40 g, 18 ms, 6 axis, 2000 times] IEC 68.2.6 [10 g, 10 to 2000 Hz, 3 axis, 2.5 h]
Tagging Method	Subcutaneous

PERSONALISATION

Pre-encoding	Customer Specific Encoding Parylene Coating
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ORDER INFORMATION

Part No.	IDT.RFT.LS.TR.12
	IDT.RFT.LS.TR.8
	IDT.RFT.LS.TR.7

APPLICATION AREA



Semen
Collection



Health Record
Keeping



Insurance



Slaughter
House



Livestock
Identification



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The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

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