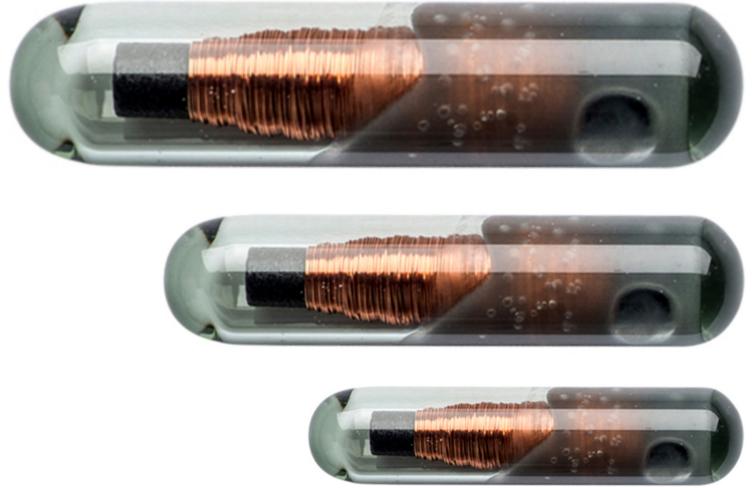


IDT GLASS TAG

RFID Animal Identification Tags



ICAR
Certified



LF
RFID



Sterile

IDT Glass Tags are ICAR-certified passive tags used for livestock identification, health record keeping, insurance, and slaughterhouses. They are inserted using an injectable applicator and provide an adequate reading range to detect livestock efficiently. As the tag is placed under the skin, it offers a reliable and secure authentication solution. These tags are available in three sizes and are designed to ensure long-term durability and biocompatibility within the animal.

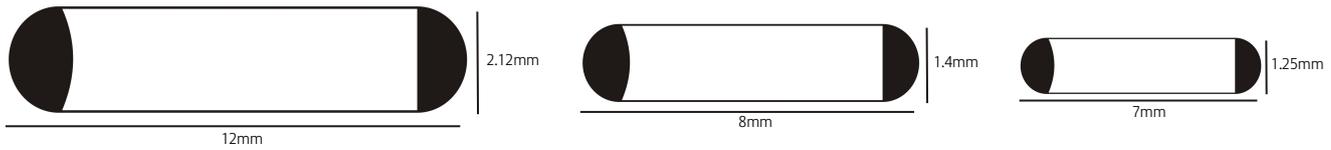
PHYSICAL PARAMETERS

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, 125 KHz (Unique, 64 bit read-only)	
Read Range	1-10 cm; Dependent upon reader, environment and application	
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 100,000	

RFID ANIMAL TAG DIMENSION



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-25°C to +85°C
Storage Temperature	-40°C to +85°C
IP Rating	IP 68 ICAR
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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