

IDT RFID Injectible Tag

RFID Animal Identification Tag



IDT RFID injectable tag is suitable for monitoring, tracking and identification of pets, fishes, equines, livestock, wildlife and endangered species for health record keeping, insurance, dairies and slaughter houses. They are thrust through injectable applicator. These tags are fully compliant to ISO 11784/11785 animal ID standards. Tags are encapsulated in bioglass which are impermeable and non toxic to the animals. The glass tag is laser sealed. The microchip is the size of a rice grain and implanted beneath the skin.

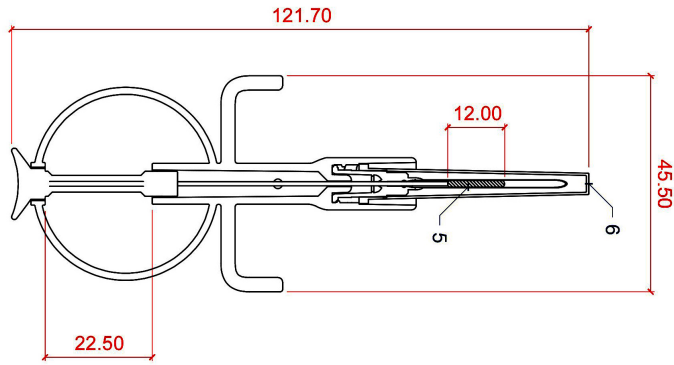
PHYSICAL PARAMETERS

Dimensions	2.12mm*12mm (L) / 1.4mm*8mm (M) / 1.25*7mm (S)
Tag Weight + Injector Weight	1.5gm+7gm / 1gm+7gm / 1gm+7gm
Encasement/Material	Bioglass
Packaging	Sterilised Premium Plastic Packing IN EO Gas

RF SPECIFICATIONS

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

RFID ANIMAL TAG DIMENSION



ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-25°C to +85°C
Storage Temperature	-40°C to +85°C
IP Rating	IP68
Chemical Resistance	Alcohol, ammonium chloride 25%, fuel B, HCL 10%, salt water
Tagging Method	Subcutaneous
Injection Material	Polypropylene

PERSONALISATION

Pre-Encoding	Customer Specific Encoding
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ORDER INFORMATION

Part No.	IDT.RFT.LS.INJL
	IDT.RFT.LS.INJM
	IDT.RFT.LS.INJS

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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