IDT RFID BOLUS

RFID Animal Identification Tags

ICAR Certified | LF RFID | Sterile

IDT Bolus Tag is suitable for the identification of cattle, sheep, goats, deer, and other livestock. It is used for livestock identification, health record keeping, insurance, and slaughterhouses. These tags provide an adequate reading range to detect animals from a considerable distance. Printing and encoding options are available for easy implementation. The tag complies with ISO 11784/11785 FDX-B and HDX animal ID standards. The Bolus Tag offers a safe, permanent, and tamper-proof method of electronic identification and is placed in the animal's rumen via the esophagus using a special applicator.

PHYSICAL PARAMETERS

Dimensions	20mm ± 0.3mmX67mm ± 1mm (Cattle)
Weight	72.5gm ± 1gm
Encasement/Material	Bio-Compatible Ceramic
Packaging	Premium Plastic Packing

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	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

20mm

67mm

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-5°C to +85°C
Storage Temperature	-5°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	Implanted into Rumen Using Applicator

PERSONALISATION

User Laser Marking	Text, Numbers, Barcode, Etc.

ORDER INFORMATION

Part No.	IDT.RFT.LS.BLS.2067

APPLICATION AREA

Semen Collection	Health Record Keeping	Insurance	Slaughter House	Livestock Identification

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