

# FDX Lightweight EID Tag

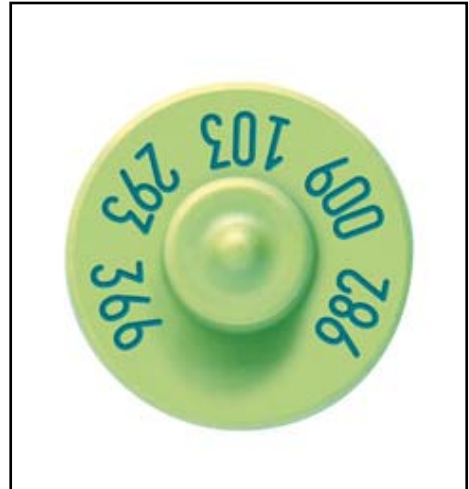
## ISO Compliant



### General Description

This generation of Tamperproof™ EID Tag has a unique design that provides the ultimate in usability, security and retention. This single use tag features a ridged plastic design with a Tamperproof cap. Transponder numbers are laser marked in a circular format on the edge of the tag.

Full Duplex Technology (FDX) is utilized with the Lightweight EID Tag. FDX is a design principle whereby the return signal initiates as soon as the beginning of the interrogation signal is received and the smoothing capacitor in the transponder has been charged. The return signal is received repetitively and without interruption for as long as a continuous interrogation signal is maintained. A FDX Transponder doesn't have to store energy to be able to return its entire data signal.



### Construction

The tag is Pale Green (1.04" Dia. X.18" Thick) Injection molded plastic. The Lightweight EID Tag provides the highest degree of security available, as any attempt to remove the male tag from the female would cause the tag components to break, rendering them unusable.

### Application

The FDX Lightweight EID tag is designed to be used in multiple species where tag weight is a factor such as sheep and goats.

Allflex FDX Lightweight EID tags are applied with the Red Universal Total Tagger Applicator. To apply tags, the Red Blunt Applicator pin must be installed and the Black or White insert must be removed. The New Retract-O-Matic may also be used to install this tag. Standard small males are used for placement in the ear.

### Ordering Information

SKU	Description
TF-FDX-G/GSMW-20	FDX Lightweight EID Tag with White Global Small Male 20 Count
TF-FDX-G/GSMW-50	FDX Lightweight EID Tag with White Global Small Male 50 Count
TF-FDX-G/GSMW-250	FDX Lightweight EID Tag with White Global Small Male 250 Count
TF-FDX-G/GSMW-1000	FDX Lightweight EID Tag with White Global Small Male 1000 Count

### Allflex USA, Inc.

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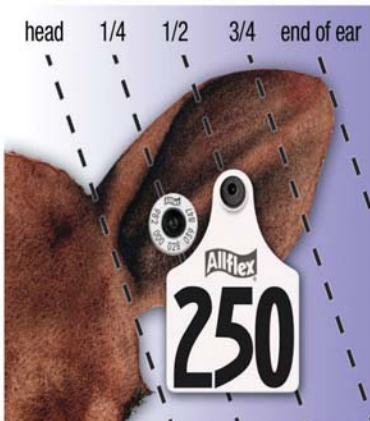
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## SPECIFICATIONS

GENERAL	
RFID Compatibility:	ISO 11784 Compliant
Duplex Mode	FDX-B
Operating Frequency	134.2 KHz
Marking	15 Digit Laser Marked Number
Security	Tamper Proof Design
Application Options:	Universal Total Tagger/ Retract-O-Matic
Manufacturers Id Code	982 as per ICAR assigned Manufacturers code
Power:	Passive (inductively powered from transceiver reading equipment)
Agency Certifications:	ISO 11785/ ISO 11784/ ICAR Approved/FCC approved
PHYSICAL/ENVIRONMENTAL	
Dimensions:	1.20" X .17"
Weight:	3.3 Grams
Material:	Polyurethane
Color:	Pale Green with tete rigid cap
Operating Temperature	-0°C-+50°C (
RELIABILITY	
Expected Life:	10 years
PERFORMANCE	
Read Distance:	Up to 60cm (23.62") (Antenna and reading system dependant)



## Recommended EID Tag Placement for Cattle

Application site must be free of foreign debris prior to placement of tags on the animal. Review application instruction prior to tagging.

1. The EID tag should be placed in the middle of the ear between the two cartilage ribs close to the head.
2. The female portion of the tag should be on the inside of the ear with EID tag application. Note that this is a thicker part of the ear. Application may be more difficult than when applying a visual tag.
3. **IMPORTANT:** Caution, "Free Air Space" is critical for proper healing and retention. Inspect placement after tagging to insure there is sufficient space between ear and EID tag.

