

CHOICESETS™

VISUAL PANEL AND RADIO FREQUENCY IDENTIFICATION (RFID) MATCHED TAG SETS

DESCRIPTION

In programs where verification of marketing claims is paramount and permanent livestock identification is essential, ChoiceSets™ offer producers the ideal solution.

PRODUCT FEATURES

- Full duplex (FDX-B)
- ISO-compliant (134.2 kHz)
- USDA, CCIA and ICAR approved
- Optimal RFID read range
- Superior cold weather application
- Made in the United States

ADVANTAGES

- Each e.Tag contains a passive, full duplex (FDX-B) radio-frequency identification (RFID) transponder encoded with a 15-digit identification number that can be read in milliseconds, even in “noisy” environments with high amounts of metal and electrical interference. The matched panel tags facilitate daily management of livestock while the e.Tags provide source and age verification data.
- When placed in different ears, the two tag system offers producers a supplemental form of identification in case one tag is lost. (Recommended placement of the e.Tag is in the left ear.)
- Read range is up to 4 feet (1.2 m) depending on system used and at optimal tag orientation. e.Tags can be read by all ISO-compliant readers.
- e.Tags are designed to be easily applied and perform reliably in harsh conditions, including temperature ranges of -13° to 122° F (-25° to 50° C).
- Approved for use by the:
 - USDA for use in the Animal Identification Number (AIN) program
 - Canadian Cattle Identification Agency (CCIA)
 - International Committee for Animal Recording (ICAR)
- Manufactured in an ISO 9002-approved facility, the air coil and electronic components are molded and permanently sealed into a durable, high-grade polyurethane using a patented process.
- e.Tag and visual panel studs include a self-piercing component specifically angled to provide small, clean incisions. They are also treated with Infecta+Guard® to reduce the risk of infection and disease transfer, and to facilitate proper healing.
- ChoiceSets are lightweight, available in a variety of colors and can be printed with numbers and optional graphics by laser, ink-jet or hot-stamp systems.
- Rugged panel tags are the toughest in the industry. Tensile strength studies prove just one of the many ways each tag is engineered to provide superior retention. (See Figure 1)

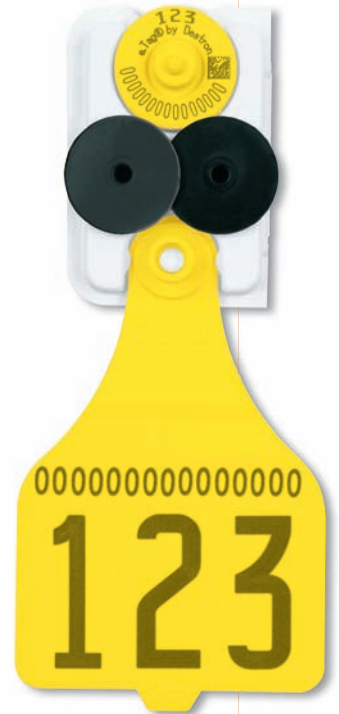


Figure 1. Tensile strength comparison of branded livestock studs: Amount of force required to break studs

Tag Brand	New, unused	Soaked in manure for 30 days	Soaked in ammonia for 30 days
Destron Fearing™	98 lbs	92 lbs	88 lbs
Allflex®	81 lbs	67 lbs	56 lbs
Y-TeX®	85 lbs	68 lbs	Not tested

PRODUCT SPECIFICATIONS

SIZES	DIMENSIONS	WEIGHT
➤ Extra Large Panel	4 5/8" L x 3" W (11.7 cm x 7.6 cm)	0.5 oz (14.2 g)
➤ Extended Panel	4" L x 2 1/2" W (10.2 cm x 6.4 cm)	0.4 oz (11.3 g)
➤ Large Panel	2 3/4" L x 2 1/4" W (7.0 cm x 5.7 cm)	0.3 oz (8.5 g)
NOTE: Panel tags are available in both tamper and non-tamper evident designs		
➤ e.Tag	1.2" diameter x 0.3" depth (3 cm x 0.7 cm)	0.35 oz (10.0 g)
NOTE: e.Tags are only available in tamper evident		

COLORS

➤ Panel	■ Orange ■ Yellow ■ White ■ Purple ■ Red ■ Blue ■ Green ■ Pink
➤ e.Tag	■ Yellow

CONSTRUCTION	High-grade polyurethane
READ RANGE	Up to 4 feet (1.2 m) at optimal tag orientation depending on system used
APPLICATION TEMPERATURE RANGE	-13° to 122° F (-25° to 50° C)
APPROVALS	ISO 11784, ISO 11785, USDA, CCIA, ICAR
POWER	Passive; able to be read by all ISO-compliant readers
INFECTA + GUARD	Active ingredients are 1,1 Hexamethylenbis [5-(4-Chlorophenyl) Biguanide] Digluconate up to 0.99%. Inert ingredients are equivalent to 99.1%.

ACCESSORIES

ITEM	PRODUCT NUMBER	ITEM	PRODUCT NUMBER
Pro-Grip™ Universal Applicator	909	Panel Antenna - Small	AN4110
Pro-Grip Universal Applicator Pins (6)	915	Head Gate Antenna Set (one right; one left)	AN4714R/L
DTR™-1 Reader	DTR1-4-K1	Head Gate Antenna (single; straight)	AN4711
DTR-3E Reader	DTR3E-K1	Axiz SB-1™ Stationary Reader w/ AC Power Supply	AXIZSB-1-00
Panel Antenna - Large	AN4250	Axiz SB-1 Stationary Reader w/ DC Power Supply	AXIZSB-1-05

WARNING

Infecta+Guard is self-activating upon application of the stud. Store in a cool, dry place. Do not allow stud to be exposed to moisture prior to application. Although the e.Tag is designed to be easily applied in sub-zero temperatures, the visual tag must be kept pliable. Keep at room temperature when applying.

WARRANTY

ChoiceSets are warranted for one year from the date of purchase against defects in materials and workmanship when used as directed.

PACKAGING SPECIFICATIONS

Item	
ChoiceSets	All ChoiceSets products are custom made. Please call Destron Fearing Customer Service at 1-800-328-0118 to discuss colors, customization, quantities and shipment specifications.

Distributed for Destron Fearing by:
 National Band & Tag Company
 721 York St, P.O. Box 72430 • Newport, KY 41072-0430
 877-261-2035 • www.nationalband.com • tags@nationalband.com