

E.TAG®

PREMIUM PERFORMANCE RADIO FREQUENCY IDENTIFICATION (RFID) SWINE TAGS

DESCRIPTION

e.Tags® assign a unique numeric identity to livestock through universally recognized radio frequency technology. This can unlock many important value-added variables that allow producers to capitalize on systems such as Electronic Sow Feeding (ESF) and advanced herd management software programs. Additionally, e.Tags can help producers work more efficiently by reducing time, financial and labor costs on a daily basis.

PRODUCT FEATURES

- Full duplex (FDX-B)
- ISO-compliant (134.2 kHz)
- Optimal read range
- Tamper evident and non-tamper evident designs
- Superior cold weather application
- Sequential numbering
- Infecta + Guard® treated studs
- 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.
- e.Tags can be read by all ISO-compliant readers; read range is up to 4 feet (1.2 m) depending on system used and at optimal tag orientation.
- e.Tags are designed to be easily applied and perform reliably in harsh conditions, including temperature ranges of -31° to 122° F (-35° to 50° C).
- 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 an exclusive, patented process.
- e.Tag 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.
- Suitable for use in breeding age swine as well as pigs greater than 10 lbs.
- Available with different stud options:
 - For **Feeder to Breeding age pigs**, choose either the Hog Max stud which incorporates a large rectangular panel to facilitate visual ID management or the Standard Round stud.
 - For **Weaner to Feeder age pigs**, choose either the Litter Max stud which incorporates a smaller square panel to facilitate visual ID management or the Standard Round stud.
- Tensile strength studies prove just one of the many ways that 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
Deatron 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	INDIVIDUAL WEIGHT
 e.Tag <small>NOTE: Available in tamper evident and non-tamper evident designs.</small>	1.2" diameter x 0.3" D (3 cm x 0.7 cm)	0.29 oz (8.2 g)
 Hog Max Stud	1.5" L x 2.1" W (3.8 cm x 5.3 cm)	0.36 oz (10.3 g)
 Litter Max Stud	1.25" L x 1.25" W (3.2 cm x 3.2 cm)	0.15 oz (4.3 g)
 Standard Round Stud	1.1" diameter (2.8 cm)	0.07 oz (2.0 g)
COLORS	 Yellow e.Tag with yellow stud	
CONSTRUCTION	High-grade polyurethane	
READ RANGE	Up to 4 feet (1.2 m) at optimal tag orientation depending on system used	
APPLICATION TEMPERATURE RANGE	-31° TO 122° F (-35° TO 50° C)	
APPROVALS	ISO 11784, ISO 11785	
POWER	Passive; can 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: 99.1%	

ACCESSORIES

ITEM	PRODUCT NUMBER	ITEM	PRODUCT NUMBER
ProGrip™ Universal Applicator	909	DTR™-1 Reader	DTR1-4-K1
ProGrip Universal Applicator Pins (6)	915	DTR-3E Reader	DTR3E-K1

WARNINGS

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.

WARRANTY

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

PACKAGING SPECIFICATIONS

Item	Product Number	Quantity Per Package	Package Dimensions	Package Weight	# Packages Per Carton	Carton Dimensions	Carton Weight
W/ Hog Max Stud	Tamper Evident	TX12202S	6" L x 4" W x 2" D (15.2 cm x 10.2 cm x 5.1 cm)	0.6 lbs (0.3 kg)	40	14" L x 10" W x 10" D (35.6 cm x 25.4 cm x 25.4 cm)	25 lbs (11.3 kg)
	Non-Tamper Evident	TX12302S					
W/ Litter Max Stud	Tamper Evident	TX12202LM	6" L x 4" W x 2" D (15.2 cm x 10.2 cm x 5.1 cm)	0.6 lbs (0.3 kg)	40	14" L x 10" W x 10" D (35.6 cm x 25.4 cm x 25.4 cm)	25 lbs (11.3 kg)
	Non-Tamper Evident	TX12302LM					
W/ Standard Round Stud	Tamper Evident	TX12202	6" L x 4" W x 2" D (15.2 cm x 10.2 cm x 5.1 cm)	0.6 lbs (0.3 kg)	40	14" L x 10" W x 10" D (35.6 cm x 25.4 cm x 25.4 cm)	25 lbs (11.3 kg)
	Non-Tamper Evident	TX12302					

Manufactured by:
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Destron Fearing™