

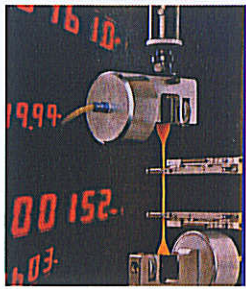
Duflex® Ear Tag System

The Only Ear Tag with Patented **INFECTA+GUARD®**



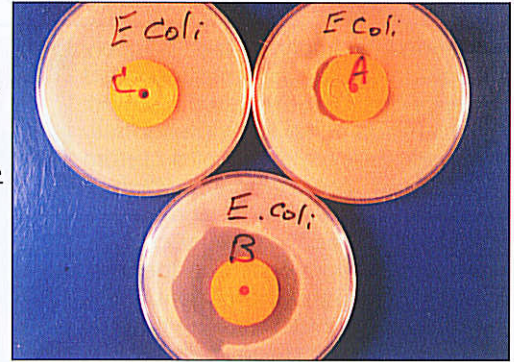
Duflex® ear tags...ID you can count on, year after year.

- Bright, fade-resistant colors.
- Factory numbered or blank for writing your own numbers and codes with our special markers (see back).
- Molded from our custom formulation of flexible polyurethane adding strength and flexibility to resist snagging.



Duflex® tags are made of an extremely durable material that will resist abrasion and snagging under the roughest conditions. They will even outwear carbon steel in abrasion tests. The photo on the left shows our tensile tester, which is used to stretch tags to the breaking point guaranteeing they meet our quality control standards.

Infecta+Guard® is a patented antibacterial film-coating applied to each tag stud. When the stud pierces the ear during application, the film dissolves releasing *chlorhexidine gluconate* into and around the incision. This helps to control infection and facilitates proper healing, which is important for retention. These lab dishes demonstrate its effectiveness. A stud is placed into the bacteria solution, which appears clouded (dish C). Dish A and B show Infecta+Guard killing the bacteria.



Duflex studs have a 48° piercing angle so the incision is as clean and small as possible. Note the size and bluntness of other tips.



TAGS ARE SHOWN SMALLER THAN ACTUAL SIZE



Extra Large
3" x 4-5/8"
Wt. with stud: 12.8 g



Large-EX
2-1/2" x 4"
Wt. with stud: 9.45 g



Large
2-1/4" x 2-3/4"
Wt. with stud: 7 g



Medium
1-3/4" x 1-7/8"
Wt with stud: 5 g

Factory numbered and imprinted tags are created in two ways. The first method is hot-stamping using large heated steel numbering heads mounted on pneumatic stamping presses. When the tags are stamped, a black pigment is pressed and bonded deep into the tag creating a permanent, embossed mark. Our quality control standard requires tags withstand at least 10,000 abrasions with a stiff wire bristled brush.

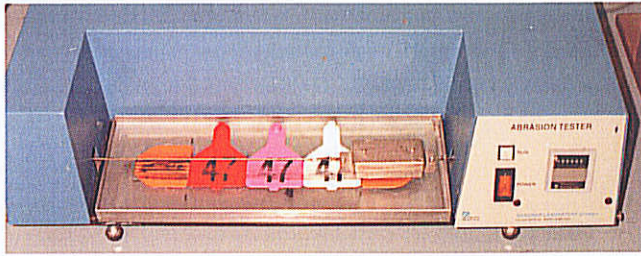
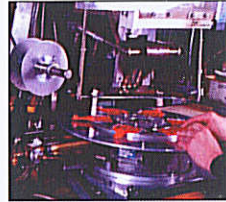


Photo of hot-stamping consecutively numbered tags.

Steel numbering heads are heated to over 300° F. and then stamped into the tag with over 2000 pounds of pressure. This process embosses the number into the tag and impregnates a black pigment.

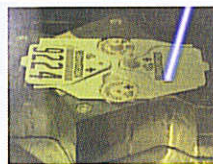


Lasermark™ imprints are uniquely created with a computer controlled laser beam. The end result is a mark that is made of the tag material itself. Duflex® tags are made of a custom formulated polyurethane, which is known for its resistance to abrasion. It's been proven to outwear carbon-steel in abrasions tests and ideal for extremely tough applications. This quality and the fact that the number is burned into the tag itself, assures the user that marks will not wear away.

Lasermark is a major change from conventional hot-stamping methods. The difference is, Lasermark is more durable than hot-stamping but marks or numbers are a very dark gray instead of black like hot-stamped numbers.



Photo of Lasermarking™ tag kits made of up both visual and electronic tags that are linked to each other for use on one animal.



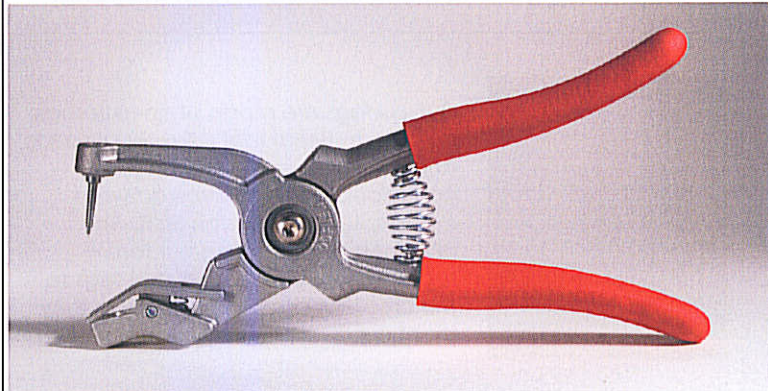
Duflex® tags are routinely customized with thousands of options to meet every need. They range from simple name imprints to more complex marks such as brands and barcodes.



Our Super Mark™ pen contains a custom formulation of black pigmented ink that will penetrate deep into the tag for a mark guaranteed to last 5 years (applicable to Duflex and Tuff-Flex tags only). Super Mark pens can be used to write your own numbers or codes in addition to adding information to factory marked tags. Long-lasting marks require a 'bead' of ink that will take several minutes or more to dry depending on the humidity and temperature. The barrel contains enough ink to mark approximately 2500 digits or more.



Duflex® ProGrip™ Universal Applicators are made of a tough die cast aluminum alloy and the pin is a special heat-treated stainless. The handles have long-wearing urethane foam grips for easier, stress-free use in any weather.



- No pinch points
- Guaranteed for life
- Patented

Ask for information on our complete line of swine tags.



Animal Applications Division of Digital Angel Corporation at 490 Villaume Avenue, South Saint Paul, MN 55075 USA

1-800-328-0118 Fax: 1-800-328-4565

www.digitalangelcorp.com E-mail: cs@digitalangelcorp.com