

Avery Dennison
Smartrac
Quick Guide

January 2022

RFID tags for Pet Identification



Why RFID?

Glass Tags

Intrace tags last a lifetime, and make a great contribution to the owners' peace of mind. They can not only help reunite lost pets with their legal owners, but they also make it easy for veterinarians to access an animal's medical history, and improve the traceability of pets in line with government legislation aimed at controlling the spread of infectious diseases. In a wider context, governments around the world are extending their requirements for pets to be identifiable: over 50% of countries now require pets to be electronically tagged.

Syringes

For animals such as pets, our Intrace® Syringe product is a complete, self-contained microchip transponder implanting system that makes pet ID tagging much easier, more animal-friendly and more efficient – offering significant benefits to the animals themselves, pet owners and implant practitioners.

Cannulas

Intrace® Cannula is also ready to use, and offers the benefits of sustainability and reduced waste, since the same applicator can be re-used several times. The cannula package contains a needle that already holds the tag, plus the corresponding ID stickers, so only the needle needs to be changed to tag the next animal.

NFC Dongle



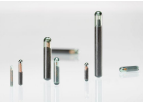
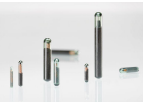








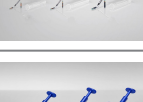
The MAXDURA NFC dongle is perfectly suited to animal ID. In this context, it can facilitate a lost animal's return: If the animal's location is shared to its registration database when scanning a tag's QR code or NFC chip with a smartphone or reader, the owner can locate the animal on a map. The NFC IC can also encode extra information such as medication, vaccination or dietary needs, which can be helpful when lost animals are found by a third party.

Why Avery Dennison?

Intrace® products from Avery Dennison Smartrac are state-of-the-art animal ID tags and implantation systems, featuring premium microchips and manufactured to the highest quality standards in Germany.

The idea behind Intrace products is to make animal identification as easy, effortless, stress-free and foolproof as possible. To ensure the same level of convenience and reliability when it comes to reading the information stored in the implanted RFID tags, Avery Dennison Smartrac also offers handheld readers as powerful and cost-effective components of their electronic animal identification systems.

Our RFID product recommendations

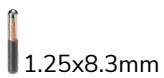
Product Name	Design (not to scale)	Antenna Dimensions	Chip	Total Memory	Sales Code	Delivery Format	Applications
AD-Maxdura NFC Dongle		Ø 30x3.60mm	NXP NTAG 213	1152 bit 144 byte	300 XXXX	1000 / box	Pet Identification
GlassTAG Animal ID 134.2 kHz		Ø 1.25x8.3mm	EM4305	512 bit	704587-P	2000 / plastic bag	Pet Identification
GlassTAG Animal ID 134.2 kHz		Ø 1.41x8.3mm	EM4305	512 bit	704487-P	2000 / plastic bag	Pet Identification
GlassTAG Animal ID 134.2 kHz		Ø 2.12x12.0mm	EM4305	512 bit	953006	1000 / plastic bag	Pet Identification
GlassTAG Animal ID 134.2 kHz		Ø 2.12x12.0mm	EM4305	512 bit	953006-P	1000 / plastic bag	Pet Identification
Intrace Cannula Premium		Ø 1.41x8.3mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804687-15PS45	20 AD-Box / 3300 shipping box	Pet Identification
Intrace Cannula Premium		Ø 2.12x12.0mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804687-15PS45	20 AD-Box / 3300 shipping box	Pet Identification
Intrace Multi Applicator		Ø 2.12x12.0mm Ø 1.41x8.3mm			800520-75	75 / bag	Pet Identification
Intrace Syringe Premium		Ø 1.25x8.3mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804557-15PS49	10 AD-Box / 1000 shipping box	Pet Identification
Intrace Syringe Premium		Ø 1.41x8.3mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804587-15PS49	10 AD-Box/ 1000 shipping box	Pet Identification
Intrace Syringe Premium		Ø 2.12x12.0mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804527-15PS49	10 AD-Box / 1000 shipping box	Pet Identification
Intrace Syringe Economy		Ø 1.25x8.3mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804557-04PS13	10 Zip-Bag / 500 shipping box	Pet Identification
Intrace Syringe Economy		Ø 1.41x8.3mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804587-05PS13	10 Zip-Bag / 500 shipping box	Pet Identification
Intrace Syringe Economy		Ø 2.12x12.0mm	EM4305	ISO 11784/85 programmed ICAR Code 992	804527-06PS13	10 Zip-Bag / 500 shipping box	Pet Identification

Intrace[®] syringes and glass tags for pets

LF (134,2 kHz) FDX B version



Recommended for small animals, ex: mice, rats, hamsters, dogs, cats, etc.



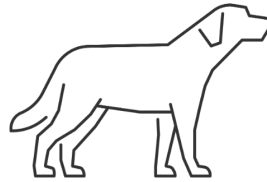
1.25x8.3mm



Recommended for small to medium animals, ex: cats, dogs, etc.



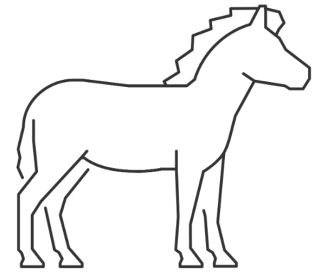
1.25x8.3mm
1.41x8.3mm



Recommended for medium animals, ex: dog, cat, etc.



1.41x8.3mm
2.12x12mm



Recommended for large animals, ex: big dog, horse, camel, etc.



2.12x12mm

AD-Maxdura
NFC Dongle



Intrace[®]
Cannula Premium



Intrace[®]
Syringe Premium



Contact information
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Warranty: Please refer to Avery Dennison standard terms and conditions: rfid.averydennison.com/termsandconditions

Care and handling: RFID inlays are sensitive to ESD. Observe standard industry practices relating to electronics / RFID to keep environmental impact and static charge to a minimum.

Applications: This product should be tested by the customer / user thoroughly under end use conditions to ensure the product meets the particular requirements. Avery Dennison does not represent that this product is fit for any particular purpose or use. Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice. The information contained herein is believed to be reliable but Avery Dennison makes no representation concerning the accuracy or correctness of the data.

