

# Eartrace® E-Rod

## Overview

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**Frequency Band**

LF 135.2 kHz

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**Chip**

EM4305

SIC279

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**Antenna Dimensions**

Refer to next page

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**International Standard**

ISO 11784/85 FDX-B

ISO 11784/85 HDX

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**Industry Segments**

Animal Identification

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## Smart choice for livestock identification

In compliance with government regulations and international ISO standards 11784/11785, our Eartrace® E-Rod product range is a convenient and cost effective solution for livestock identification.

Our Eartrace® E-Rod products for ear tags employ both full duplex (FDX) and half-duplex (HDX) technologies optimized for electronic livestock identification. The products guarantee excellent reliability and electrical performance.

Our Eartrace® E-Rod products help minimize potential risks for the livestock industry by:

- Controlling the spread of diseases (e.g. foot and mouth, BSE).
- Optimizing farm management and enabling easy and efficient solutions for cattle-breeding.
- Guaranteeing traceability of animal and meat export and import.

The Eartrace® E-Rod products are available in different diameters and with various integrated circuits (FDX or HDX), depending on the animal involved in the process of electronic identification.

This provides customers with a flexible choice to achieve the best results according to their requirements. Due to their robustness, the Eartrace® E-Rod products easily withstand the strains related to the production of the finished ear tags. Cost effective, efficient and reliable, Eartrace® E-Rod products are definitely the smartest choice for animal identification today.

## Technical features

Chip	EM4305	SIC279
EPC and User Memory	512-bit	340-bit
TID Memory	Available for all	
Product Code	On request	On request
Hard Tag Dimension	Customized	Customized
Thickness	Customized	Customized
Housing Material	E-Rod	E-Rod
Operating Temperature	-20 °C to 60 °C / -4 °F to 140 °F	-20 °C to 60 °C / -4 °F to 140 °F
Storage Temperature	-25 °C to 80 °C / -13 °F to 176 °F	-25 °C to 80 °C / -13 °F to 176 °F
Quantity / Package	Customized	Customized

### Contact information

[rfid.averydennison.com/contact](http://rfid.averydennison.com/contact)

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Connect with us on:



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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://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.

