

AD Eartrace[®] Air Coil

Overview

Frequency Band

LF 135,2 kHz

Chip

EM 4305

SIC279

Hard Tag Dimensions

Refer to next page

International Standard

ISO 11784/85 FDX-B

ISO 11784/85 HDX

Industry Segments

Animal Identification



Smart choice for livestock identification

In compliance with government regulations and international ISO standards 11784/11785, our AD Eartrace[®] Air Coil product range is a convenient and cost effective solution for livestock identification.

Our AD Eartrace[®] Air Coil 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[®] Air Coil 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 / import

Our AD Eartrace[®] Air Coil 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, our Eartrace[®] Air Coil products easily withstand the strains related to the production of the finished ear tags. Cost effective, efficient and reliable, our Eartrace[®] Air Coil products are definitely the smartest choice for animal identification today.

Technical features

Chip	EM4305	SIC279
Total Memory	512-bit	512-bit
TID Memory	Available for all	
Product Code	On request	On request
Max. Outer Diameter	Customized	Customized
Min. Inner Diameter	Customized	Customized
Thickness on Chip	Customized	Customized
Thickness on Coil	Customized	Customized
Chip Position	Customized	Customized
Housing Material	Customized	Customized
Quantity / Reel	Customized	Customized
Operating Temperature	-40 °C to 60 °C / -40 °F to 140 °F	
Storage Temperature	-25 °C to 80 °C / -13 °F to 176 °F	

Contact information

rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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.

