

Eartrace® Male Flag

Overview

Frequency Band

UHF 860 - 960 MHz
ETSI / FCC compliant

Chip

Impinj Monza R6-P

Hard Tag Dimensions

60 x 76 mm / 2.36 x 2.99 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Animal Identification



Innovative UHF RFID ear tag with superior read range

Our innovative Eartrace® Male Flag is designed to meet rugged environmental conditions in the livestock industry. It offers superior read range through UHF RFID technology and takes ear tags to a new level for convenient and reliable usage.

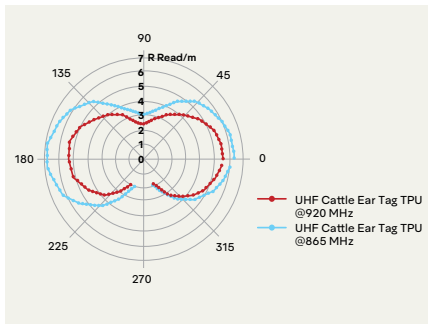
We are extending our comprehensive product range with the new UHF RFID ear tag with a chip module that is inductively coupled to an embroidered RFID antenna. The innovative tag which comprises following benefits: compared to traditional etched antennas, our wire-made embroidered antenna offers more resistance against fractures or disruption in the antenna structure - effects that would compromise the tag's reliability in its hard day-to-day use. The embroidered antenna wire is affixed to the carrier material - thermoplastic polyurethane (TPU) foil - using the state-of-the-art "Tailored Wire Placement" technique.

Our Eartrace® Male Flag has a compact hang tag size of 60 x 76 mm with firmly fitted pin and is equipped with Impinj Monza R6-P chip. The integrated circuit comes with an autotune feature, which helps the ear tag product to work at peak efficiency, even in rapidly changing environments. It offers additional add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required. Based on UHF RFID technology the Eartrace® Male Flag's read distance under normal conditions is approximately five meters / 15 feet.

Technical features

Chip	Impinj Monza R6-P	Impinj Monza R6-P
EPC and User Memory	128-bit and 32-bit	
TID Memory	Available for all	
Product Code	876300-03	876301-03
Hard Tag Dimension	60 x 76 mm / 2.36 x 2.99 in	
Thickness	2 mm / 0.08 in	
Housing Material	TPU	
Color	Pink	Yellow
Operating Temperature	-40 °C to 80 °C -40 °F to 176 °F	
Storage Temperature	-40 °C to 80 °C -40 °F to 176 °F (max. 1000h)	
Quantity / Package	1000 pcs / box	
Certificates	IP68 PASS 44 Broadband	

Theoretical read range



All graphs are indicative: performance in real life applications may vary.

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.