

# AD Trap M4

## Overview

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**Frequency Band**  
UHF 860 - 960 MHz

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**Chip**  
Impinj Monza 4E  
Impinj Monza 4D  
Impinj Monza 4QT

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**Antenna Dimensions**  
8 x 22 mm / 0.32 x 0.87 in

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**International Standard**  
ISO 18000-63, EPC Class 1 Gen 2

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**Industry Segments**  
Healthcare  
Apparel

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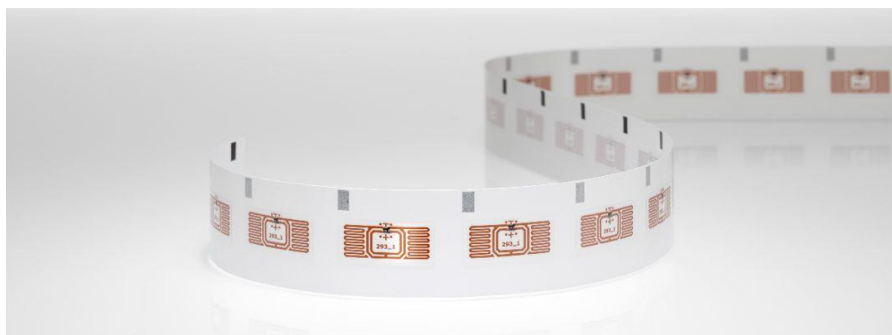
**Applications**  
Item Level Inventory Accuracy  
Brand Protection

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**RoHS**  
EU Directive 2011/65/EC and  
Directive (EU) 2015/863

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**REACH**  
Regulation (EC) No. 1907/2006



## Perfect for small item-level retail and pharmaceutical applications

Our AD Trap inlays and tags are designed for item-level identification requiring a small footprint and excellent Retail. The compact and reliable AD Trap products are the perfect fit for smaller pharmaceutical and retail applications. They work well in both near field and far field.

AD Trap inlays and tags are an optimum solution for small item-level tagging, unmatched performance for small difficult-to-tag items and offer great RF-stability in a small form factor. It shows excellent performance in far field with high dielectric materials such as glass vials and Printed Circuit Boards (PCBs) and perfectly works on near field range, too.

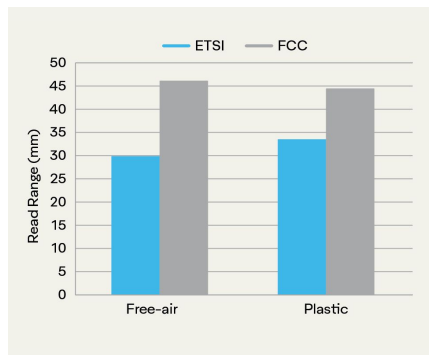
AD Trap is available with Impinj Monza 4 chips that offer serial TID and different memory features EPC from 128-bit to 496-bit, and user memory from 32-bit to 512-bit.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs.

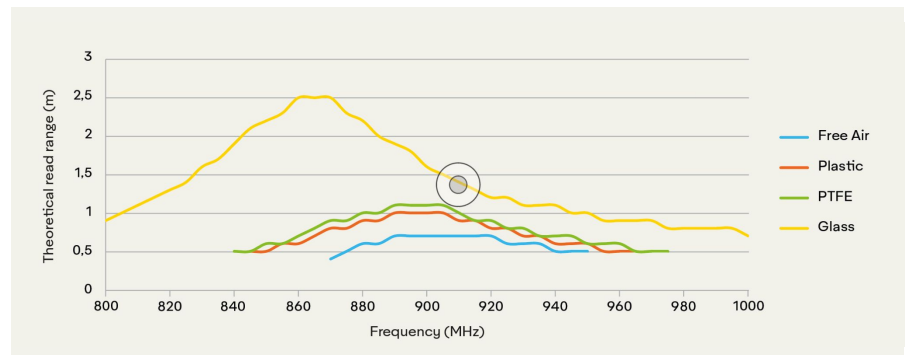
## Technical features

Chip	Impinj Monza 4E	Impinj Monza 4D	Impinj Monza 4QT
EPC and User Memory	496-bit & 128-bit	128-bit & 32-bit	128-bit & 512 bit
TID Memory	96-bit / 48-bit unique serial number		
Product Code	3001971 / IL-602587	3002059 / IL-602620	3005321 / IL-602927
Delivery Format	Wet inlay+	Wet inlay+	Wet inlay+
Die-Cut Dimension	11 x 25 mm 0.433 x 0.984 in	11 x 22 mm 0.433 x 0.984 in	11 x 22 mm 0.433 x 0.984 in
Inlay Substrate	PET	PET	PET
Face Sheet	Clear PET	Clear PET	Clear PET
Standard Pitch	32 mm / 1.260 in	32 mm / 1.260 in	32 mm / 1.260 in
Web Width	27 mm / 1 in	-	-
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	20,000 pcs/box 4,000 pcs/reel	10,000 pcs/box 2,000 pcs/reel	10,000 pcs/box 2,000 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		

## Read range with Impinj Mini-Guardrail antenna



## Read range



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

### Contact information

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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.

