

# AD-302 M730

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

Impinj M730

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**Antenna Dimensions**

30 x 15 mm / 1.20 x 0.60 in

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**International Standard**

ISO 18000-63, EPC Class 1 Gen 2

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**Industry Segments**

Apparel  
Healthcare

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**Applications**

Children Accessories  
Fashion Jewelry and Sunglasses  
Pharmaceutical and Healthcare

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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



## Ideal for small item-level tagging

Our AD-302 M730 inlays and tags are optimized for accessory and cosmetics applications, offering excellent performance and superior close-coupling features.

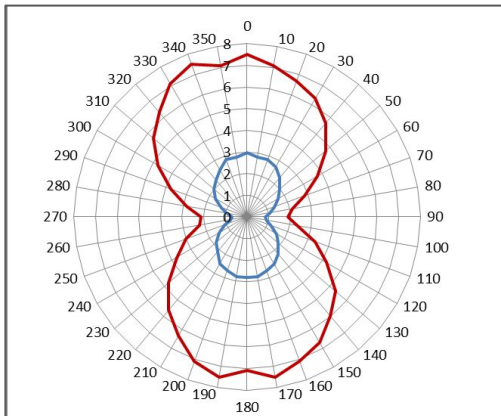
AD-302 M730 products are available with the Impinj M730 and M750 chips. Inlays with M730 chips offer a unique TID, enable pre-serialized EPC and are 100% performance tested. Inlays with M750 offer additional features such as add on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for stored data, if required. AD-302 M730 products are available in dry, wet and paper label delivery formats.

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, especially in the retail environment.

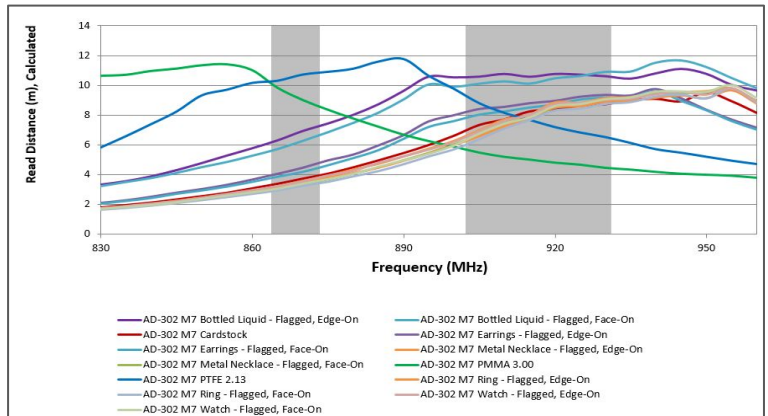
## Technical features

Chip	Impinj M730		
EPC and User Memory	128-bit / 0-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF602379 / IL-606389	RF602380 / IL-606183	RF101084 / IL-605225
Delivery Format	Dry inlay +	Wet inlay	Label
Die-Cut Dimension	-	33 x 18 mm / 1.299 x 0.709 in	33 x 18 mm / 1.299 x 0.709 in
Inlay Substrate	40# Paper	40# Paper	40# Paper
Total Thickness	11.5 - 13.5 mils 292-343 microns	12.7 - 14.7 mils 322-373 microns	16.2 - 18.2 mils 411-462 microns
Face Sheet	-	-	TT2C (FASSON®) Bright White
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Size of Roll	MAX OD: 15.5 in	MAX OD: 13 in	MAX OD: 8 in
Quantity / Reel	TBD pcs/reel TBD pcs/box	TBD pcs/reel TBD pcs/boxl pcs/box	TBD pcs/reel TBD pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certification	ARC Spec Q		

## Orientation sensitivity



## 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.

