

# AD Miniweb Global 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**

42 x 16 mm / 1.70 x 0.60 in

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**International Standard**

ISO/IEC 18000-63, EPC Gen2 V2

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**Industry Segments**

Apparel  
Automotive  
Logistics

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**Applications**

Home Essentials  
Inventory and Logistics  
Supply Chain Management

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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



## Tagging the difficult to tag in retail and beyond

AD Miniweb Global M730 inlays from Avery Dennison are designed for global retail, industry, and supply-chain applications. They excel in minimum footprint and top performance on difficult-to-tag and low-detuning materials such as cardboard and plastic, and in other demanding, close-coupling environments.

AD Miniweb Global M730 is a small retail focused inlay that has passed ARC category K, I, N, and Q requirements for both the ETSI and the FCC frequency band. Category I indicates that the product is suitable for applications that require superior RF performance.

Equipped with an M730 IC from Impinj (also available with the M750 IC from Impinj), AD Miniweb Global M730 features 128-bit EPC memory. The IC is compatible with the global GS1 UHF Gen2v2 standard and features a privacy mode that enables loss prevention and protects consumer privacy.

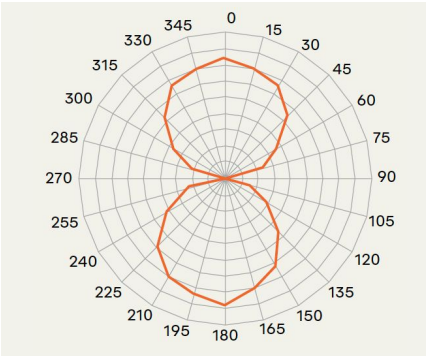
Available in dry, wet, and paper tag delivery formats, AD Miniweb Global M730 inlays have a compact size 45 x 18 mm which can be easily converted for end-application usage.

Like all RFID products from Avery Dennison, AD Miniweb Global M730 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

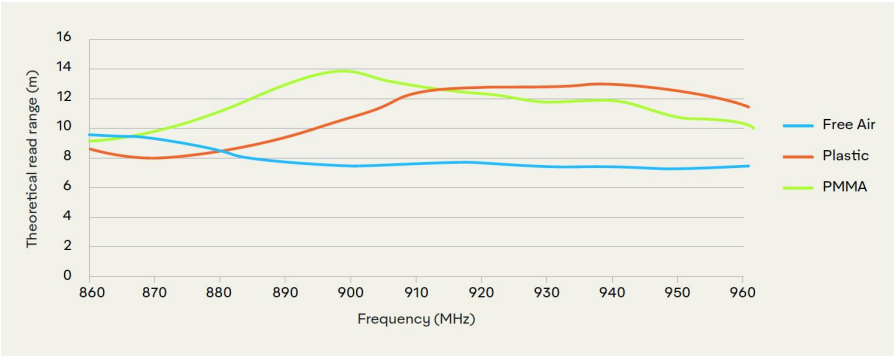
## Technical features

Chip	Impinj M730			
EPC and User Memory	128-bit			
TID Memory	96 bits of Serialized TID with 48-bit serial number			
Product Code	3007865 / IL-603909	3007866 / IL-600035	3008131 / IL-600039	3008052 / IL-604040
Delivery Format	Dry inlay	Wet inlay	Label	Label
Die-Cut Dimension	–	45 x 18 mm / 1.80 x 0.70 in	45 x 18 mm / 1.80 x 0.70 in	45 x 18 mm / 1.80 x 0.70 in
Inlay Substrate	PET	–	–	–
Face Sheet	–	–	White PET 50	Mid-gloss paper
Standard Pitch	20 mm / 0.79 in	20 mm / 0.79 in	20 mm / 0.79 in	25.4 mm / 1.0 in
Web Width	48 mm / 1.89 in	48 mm / 1.89 in	48 mm / 1.89 in	48 mm / 1.89 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	10,000 pcs/reel 20,000 pcs/box	20,000 pcs/reel 40,000 pcs/box	5,000 pcs/reel 20,000 pcs/box	5,000 pcs/reel 20,000 pcs/box
Size of Roll	MAX OD: 7.36"	MAX OD: 10.51"	MAX OD: 7.36"	MAX OD: 8.80"
Operating Temperature	-45 °C to 85 °C / -49 °F to 185 °F			
Certificates	ARC			

## Orientation sensitivity



## 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](https://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.

