

# AD Grip M730

## Overview

---

**Frequency Band**

UHF 860 - 960 MHz

---

**Chip**

Impinj M730

---

**Antenna Dimensions**

80 x 40 mm / 3.15 x 1.575 in

---

**International Standard**

International Standard

---

**Industry Segments**

Automotive  
Industrial Applications

---

**Applications**

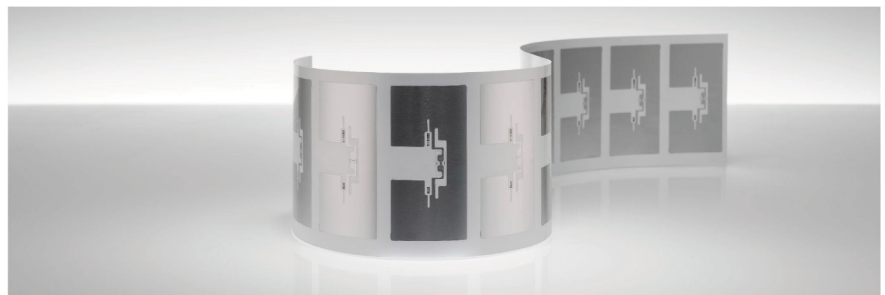
Automotive Tire Tagging

---

**RoHS**

EU Directive 2011/65/EU and  
2015/863 Compliant

---



## Made for automotive tire tagging

AD Grip M730 inlays from Avery Dennison have been developed for use in automotive tire tagging and on other high dielectric materials.

Equipped with the M730 chip from Impinj, AD Grip M730 inlays provide high performance in a variety of industrial applications and are compliant with University of Auburn Spec T.

The product's Impinj M730 chip comes with 128-bit of EPC memory, and 96-bit of factory-locked TID with a 48-bit serial number factory-encoded into it. The product is available in Dry Inlay and Wet Inlay delivery formats.

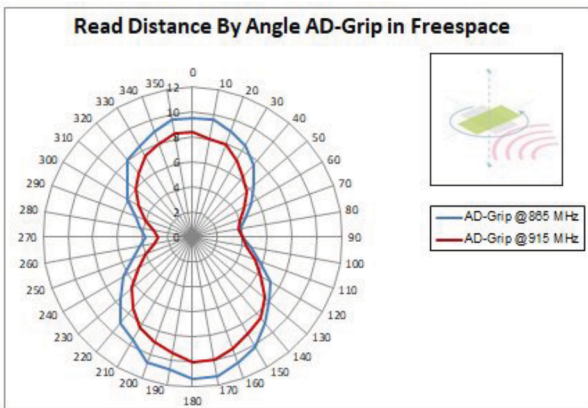
Like all RFID products from Avery Dennison, AD Grip M730 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

## Technical features

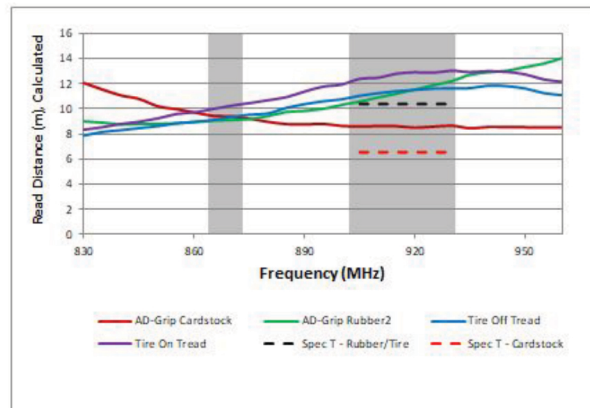
Chip	Impinj M730	
EPC and User Memory	128-bit / 0-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code*	RF602517 / IL-604612	RF602519 / IL-604602
Delivery Format	Dry inlay +	Wet inlay
Die-Cut Dimension	-	83 x 43 mm / 3.268 x 1.693 in
Inlay Substrate	Opaque PET	Opaque PET
Total Thickness	10.9 - 12.9 mils / 276.86 - 327.66 microns	12.1 - 14.1 mils / 307.34 - 358.14 microns
Standard Pitch	47.63 mm / 1.875 in	
Web Width	95 mm / 3.74 in	
Core Size	76 mm / 3 in	
Size of Roll	MAX OD: 15.5"	MAX OD: 13"
Quantity / Reel	TBD pcs/reel	TBD pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
On-Metal	Non metal	
Certificates	<a href="#">ARC Specification Guide</a>	

\*Other product codes available upon request.

## Orientation sensitivity



## Read range



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



© 2024 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](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.

