

AD-325 M730 FCC

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M730

Antenna Dimensions

42.5 x 17 mm / 1.67 x 0.67 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Retail
Logistics
Healthcare

Applications

Apparel
Home Essentials
Supply Chain Management

RoHS

EU Directive 2011/65/EU and
Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Excellent read range and versatility

Superior performance across a wide range of dielectrics

AD-325 M730 FCC inlays from Avery Dennison are ideally suited for a wide variety of RFID tagging applications, particularly those related to the areas of supply chain, inventory & logistics, apparel, and pharmaceutical & healthcare.

The Gen2 UHF RFID inlay's 42.5 x 17 mm design is optimized for outstanding performance in the FCC frequency band (902-928 MHz) and features the Impinj M730 tag chip.

AD-325 M730 features 128-bit of EPC memory and a 96-bit unique factory-locked TID number. A 48-bit unique serial number is factory encoded into the TID. The M730 IC is packed with features including AutoTune™, Short-Range Mode, TagFocus™, FastID™, Access, BlockWrite, Lock, Untraceable, and Protected Mode.

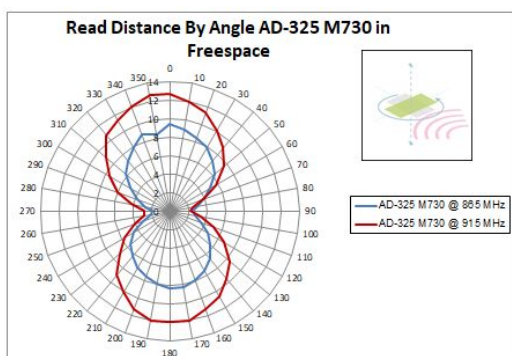
Delivery formats include dry inlay, wet inlay and paper label.

Like all RFID products from Avery Dennison, AD-325 M730 FCC 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.

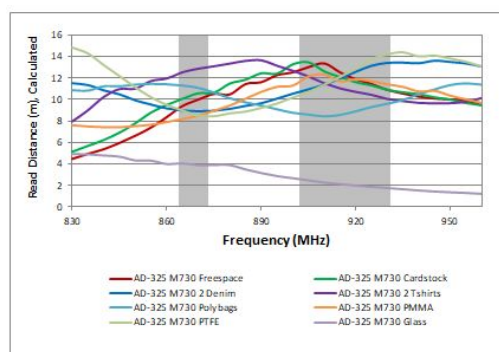
Technical features

Chip	Impinj M730		
EPC and User Memory	128-bit and 0-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF602428 / IL-605969	RF602429 / IL-607627	RF101106 / IL-606127
Delivery Format	Dry+ inlay	Wet inlay	Label
Die-Cut Dimension	–	44.5 x 19 mm / 1.752 x 0.748 in	44.5 x 19 mm / 1.752 x 0.748 in
Inlay Substrate	40# Paper	40# Paper	40# Paper
Face Sheet	–	–	TT2C (FASSON®) Bright White
Total Thickness	11.5- 13.5 mils / 292.1 - 342.9 microns	12.7 - 14.7 mils / 322.58- 373.38 microns	16.2 - 18.2 mils / 411.48 - 462.28 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	50.8 mm / 2 in	50.8 mm / 2 in	50.8 mm / 2 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	TBD MAX OD: 393.7 mm / 15.5 in	TBD MAX OD: 330.2mm / 13 in	TBD MAX OD: 203.2 mm / 8 in
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC: Spec N, Spec Q, Spec G, Spec F, Spec W2, and Spec W5		

Orientation Sensitivity



Read Distance



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

Contact information

rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:



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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.