

AD-556 M730

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M730

IC Attachment Technology

Strap Attach

Antenna Dimensions

38 x 46 mm / 1.50 x 1.8 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Automotive
Supply Chain
Aviation

Applications

Asset Tracking
Luggage Tag

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Asset tracking solution for multiple industries

AD-556 M730 inlays from Avery Dennison is a top choice for asset tagging across multiple industry segments including Automotive, Supply Chain, and Aviation. The product provides excellent broadband (860-960 MHz) read range performance in Europe, Asia-Pacific and the Americas.

The 38 x 46mm design exhibits strong performance from all directions, regardless of tag-to-reader alignment, achieving an average read distance of 4-10 meters on select materials.

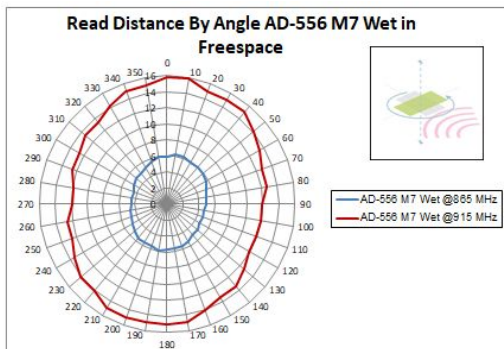
AD-556 M730 's chip from Impinj features 128-bit of EPC memory and a 96-bit unique factory-locked TID number. A 48-bit unique serial number is factory-encoded into the TID. Available delivery formats include both dry inlay and wet inlay.

Like all RFID products from Avery Dennison, AD-556 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.

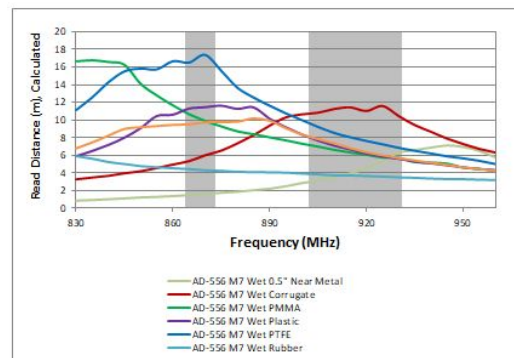
Technical features

Chip	Impinj M730	
IC Attachment Technology	Strap Attach	
EPC and User Memory	128-bit and n/a	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF602487 / IL-606610	RF602488 / IL-606609
Delivery Format	Dry+ inlay	Wet inlay
Die-Cut Dimension	–	41 x 49 mm / 1.61 x 1.93 in
Inlay Substrate	50µm Opaque PET	50µm Opaque PET
Total Thickness	10.6 - 12.6 mils / 269.24 - 320.04 microns	10.9 - 12.9 mils / 276.86 - 327.66 microns
Standard Pitch	63.5 mm / 2.5 in	63.5 mm / 2.5 in
Web Width	45 mm / 1.772 in	45 mm / 1.772 in
Core Size	76 mm / 3 in	76 mm / 3 in
Inlays per Roll	10,500 EXACT	5,000 good +10%/-0
Size of Roll	15.375 in MAX OD	13 in MAX OD
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
On-Metal	Non metal	Non metal

Orientation sensitivity



Read range



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

Contact information

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

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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.