AD Belt M730

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
Impinj M730

Antenna Dimensions
70 x 14 mm / 2.76 x 0.55 in

International Standard
ISO 18000-63, EPC Class 1 Gen 2

Industry Segments
Apparel
Logistics
Automotive

Applications
Home Essentials
Supply Chain Management
Inventory and Logistics

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

REACH
Regulation (EC) No 1907/2006

High performance condensed to the max

AD Belt M730 inlays and tags are designed for global retail, logistics and supply-chain applications, offering excellent performance on difficult-to-tag or low detuning materials such as cardboard and plastic, and in other demanding, close-coupling environments. With a compact 73 mm (2.8 inch) form factor, easily convertible into end-application usage, they are available in dry, wet and paper tag delivery formats.

The AD Belt M700 series features Impinj's M730 IC, offering high performance across different materials and challenging environments due to enhanced adaptive RF tuning features. It also has improved read and write sensitivity, with very fast and accurate reading within a large population of tags, and a privacy mode which enables loss prevention and protects consumer privacy by making a tag invisible to RAIN readers.

AD Belt M730 is included on the approved retail application inlay list by the RFID Research Center (ARC) of the University of Auburn, and complies with categories F, G, I, K, M, N,L, J, Q, W1, W2, W3, W4, W5 and W6.

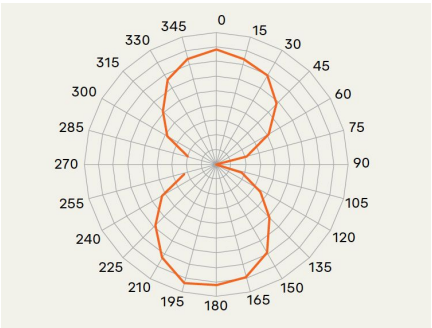
The Impinj M730 IC has 128-bit EPC memory. The IC is compatible with the global GS1 UHF Gen2v2 standard which ISO/IEC standardized as 18000-63.

Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management. This ensures a reliable and state-of-the-art product that meets a variety of application needs, where high performance is a critical parameter.

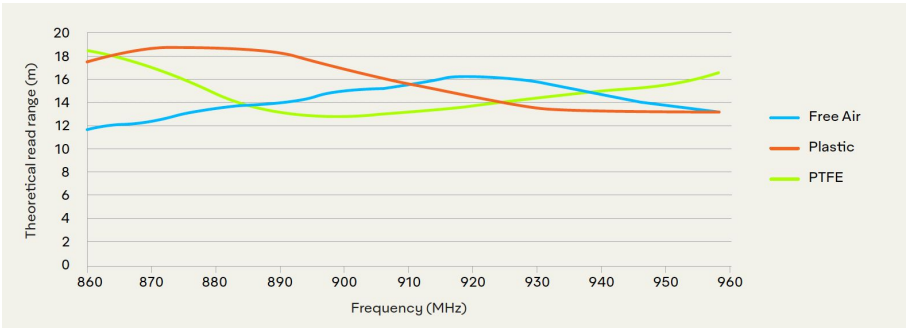
Technical features

Chip	Impinj M730		
EPC and User Memory	128- bit EPC		
TID Memory	96 bits of Serialized TID with 48-bit serial number		
Product Code	3007862 / IL-603906	3007863 / IL-603907	3007861 / IL-603905
Delivery Format	Dry inlay	Wet inlay	Label
Die-Cut Dimension	–	73 x 17 mm / 2.87 x 0.67 in	73 x 17 mm / 2.87 x 0.67 in
Inlay Substrate	PET	PET	PET
Face Sheet	–	Clear PET	Mid-gloss paper
Inlay Liner Material	-	Siliconized paper	Siliconized paper
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	80 mm / 3 in	80 mm / 3 in	80 mm / 3 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	20,000 pcs/reel	20,000 pcs/reel	5.000 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		

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:

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.