

AD-311 M750

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj M750

IC Attachment Technology

Strap Attach

Antenna Dimensions

41.4 mm x 29 mm / 1.63 x 1.142 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

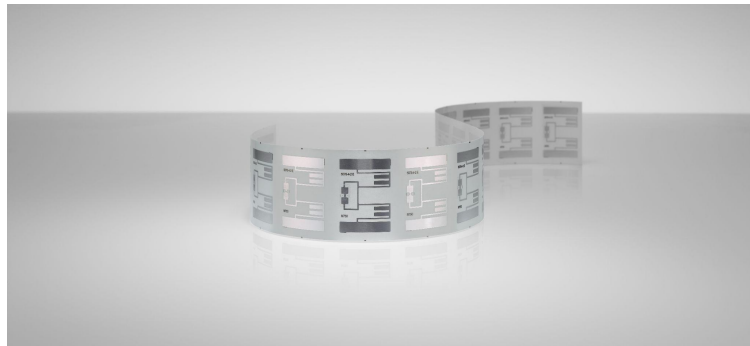
Apparel
Logistics
Healthcare

Applications

Supply Chain Management
Brand Protection
Home Essentials

RoHS

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



High performance and flexible use

AD-311 M750 inlays from Avery Dennison Smartrac are the solution of choice for a wide variety of RFID tagging applications and features the M750 chip by Impinj.

The high performing, Gen2 UHF RFID inlays are a perfect fit for retail items such as apparel and home essentials, and integrate well into supply chain, inventory and logistics applications.

AD-311 M750 inlays provide 96 bits of EPC memory and 32 bits of User Memory and enables features such as AutoTune™, Enduro™, Integra™, FastID™, TagFocus™, BlockWrite, Lock/Permalock, Access/Kill, Untraceable/Short Range Mode, and Protected Mode. A 96-bit Tag Identifier (TID) is factory locked with a 48-bit unique serial number embedded into the TID.

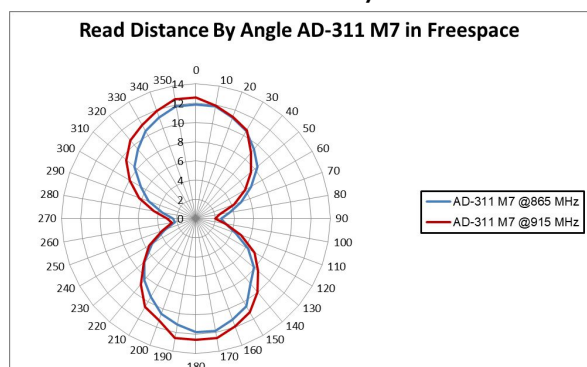
Delivery formats include dry inlay, wet inlay, and paper label.

Like all RFID products from Avery Dennison, AD-311 M750 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.

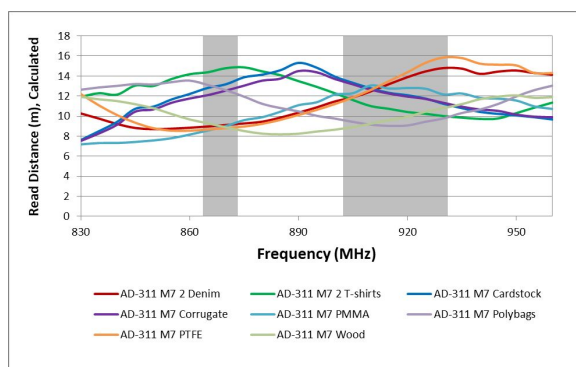
Technical features

Chip / IC Attachment Technology	Impinj M750 / Strap Attach	
EPC and User Memory	96-bit EPC / 32-bit User Memory	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF602391 / IL-607269	RF101090 / IL-608400
Delivery Format	Wet inlay	Label / sticker
Die-Cut Dimension	44.45 x 33 mm / 1.75 x 1.30 in	44.45 x 33 mm / 1.75 x 1.30 in
Inlay Substrate	40# Paper	40# Paper
Face Sheet	-	TT2C (FASSON®) Bright White
Total Thickness	12 - 15 mils 323 - 374 microns	16 - 18 mils 411 - 463 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	50.8 mm / 2 in	50.8 mm / 2 in
Core Size	76 mm / 3 in	76 mm / 3 in
Size of Roll	8 in Max OD	8 in Max OD
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	
Certificate	ARC Specification Guide	

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.

