

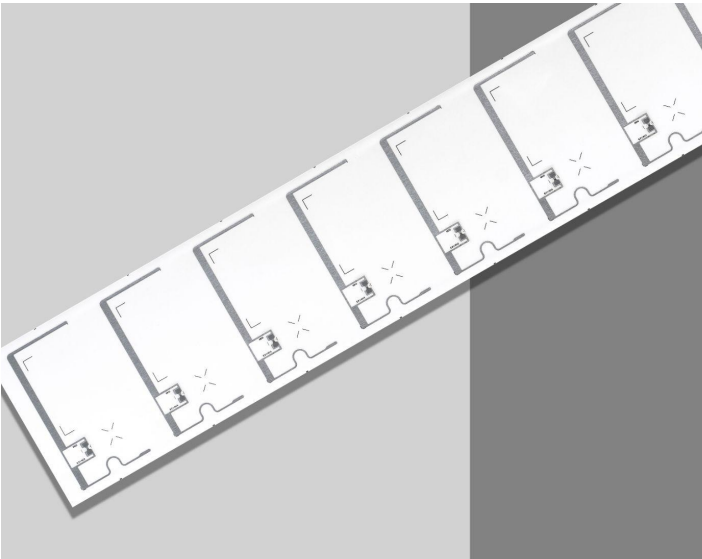
AD Balance M830

Auburn H2 Compliant Inlay

Avery Dennison's debut inlay for our H2 portfolio, AD Balance M830 is designed to meet Auburn University's H2 overhead head read specification. This inlay offers excellent global performance and is ideal for a wide range of apparel and retail applications.

Featuring the impinj M830 IC, AD Balance M830 is equipped with 128-bit of EPC memory and 96-bit unique factory locked TID number. A 48-bit unique serial number is factory-encoded into the TID.

Like all RFID products from Avery Dennison, AD Balance M830 inlays are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment. The RFID Lab at Auburn University has awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.



Overview

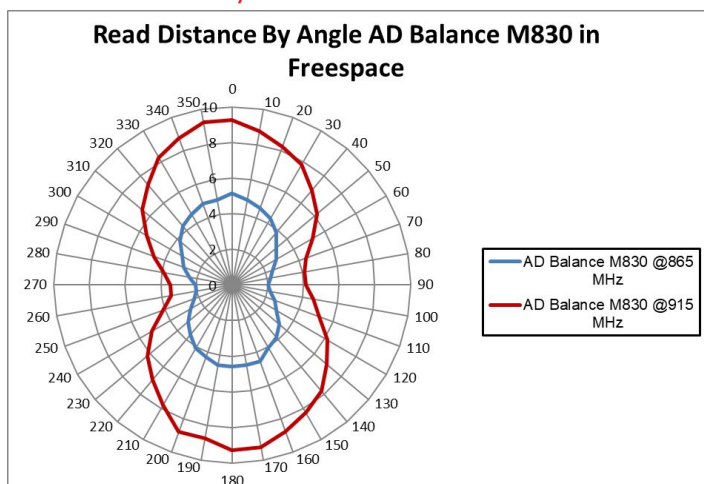
Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	Impinj M830 / Strap Attach
Antenna Dimensions	73 x 38 mm / 2.87 x 1.49 in
International Standard	ISO/IEC 18000-63 Type C
Industry Segments	Apparel General Retail Beauty
Applications	Brand Protection Supply Chain Management Inventory and Logistics
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Technical features

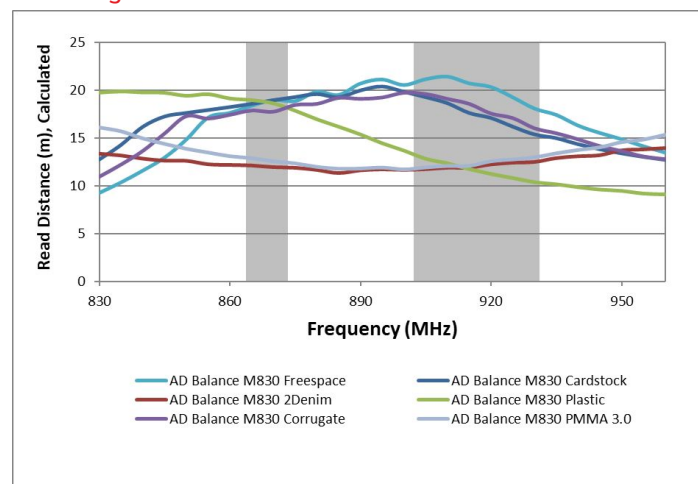
Chip / Chip Attachment Technology	Impinj M830 / Strap Attach
EPC and User Memory	128-bit EPC and 0-bit User Memory
TID Memory	96-bit / 48-bit unique serial number
Product Code	IL-614865
Delivery Format	Label
Die-Cut Dimensions	76 x 40 mm / 2.99 x 1.575 in
Die-Cut Corner Radius	.10 mm / 0.004 in
Inlay Substrate	5pt Paper
Face Sheet	TT2C
Adhesive	General Purpose Permanent
Standard Pitch	50.8 mm / 2 in
Web Width	81.35 mm / 3.203 in
Core Size	76 mm / 3 in
Quantity / Reel	TBD pcs/reel
Size of Roll	MAX OD: TBD
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	Non metal
Certificate	ARC Specification Guide

*Other product codes available upon request.

Orientation sensitivity



Read range



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

Find more label solutions at
rfid.averydennison.com

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