AD Stealth M830

Overview

Frequency Band
UHF 860 – 960 MHz

Chip
Impinj M830

IC Attachment Technology
Direct Chip Attach

Antenna Dimensions
50 x 14.5 mm / 1.97 x 0.57 in

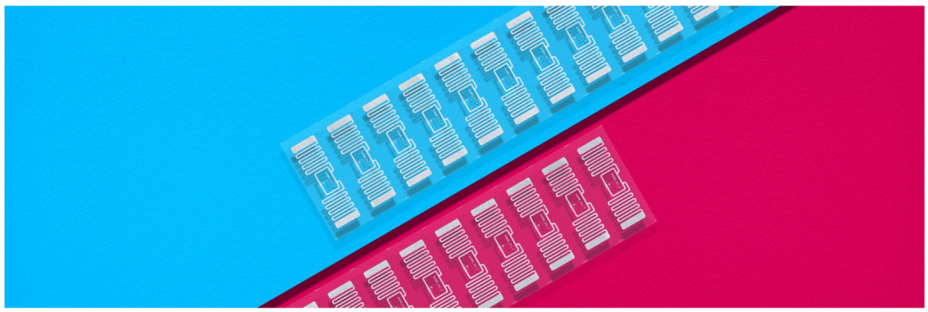
International Standard
ISO 18000-63, EPC Class 1 Gen 2

Primary Industry Segment
Apparel

Secondary Industry Segments
General Retail
Beauty and Personal Care
Automotive
Logistics

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

REACH
Regulation (EC) No 1907/2006



Ideal for small item-level tagging

Avery Dennison Smartrac has refreshed its legacy AD Web design family to AD Stealth, a new compact design featuring the Impinj M800 series IC.

AD Stealth M830 inlays and tags are optimized for outstanding read performance in the apparel and general retail categories. The slim, 50 x 14.5mm design is also a great fit for tagging item level merchandise within the beauty and personal care segments. In addition, the versatile design provides strong performance across a broad range of materials and products suited for the logistics and automotive sector.

Due to its condensed, 53 x 17.5mm form factor, AD Stealth M830 inlays and tags will accommodate a wide variety of finished media options including pressure sensitive labels, hangtags and price tickets.

Featuring the impinj M830 IC, AD Stealth 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.

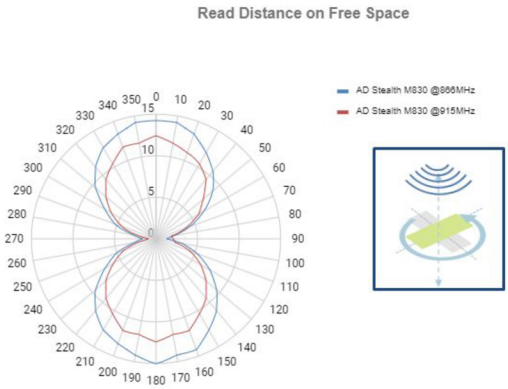
AD Stealth M830 inlays comply with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management to ensure a reliable and state-of-the-art product that meets a variety of application needs. The inlays are manufactured to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University, which awarded Avery Dennison its first ever ARC accreditation for overall quality.

AVERY DENNISON

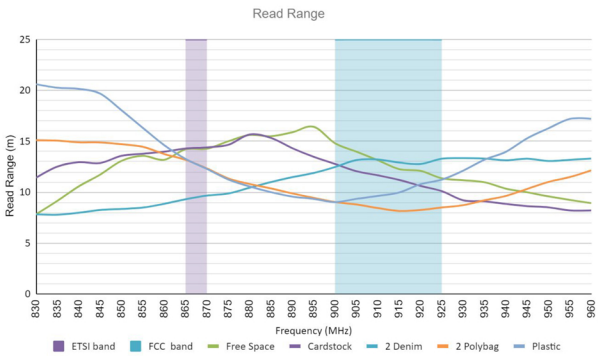
Technical features

Chip	Impinj M830		
IC Attachment Technology	Direct Chip Attach		
EPC and User Memory	128-bit EPC		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	IL-610621	IL-610622	IL-610623
Delivery Format	Dry inlay	Wet Inlay	Label
Die-Cut Dimension	-	53 x 17.5 mm / 2.08 x 0.68 in	53 x 17.5 mm / 2.08 x 0.68 in
Inlay Substrate	PET	PET	PET
Face Sheet	-	-	Mid-gloss paper
Standard Pitch	22.23 mm / 0.875 in	22.23 mm / 0.875 in	22.23 mm / 0.875 in
Web Width	60 mm / 2.36 in	60 mm / 2.36 in	60 mm / 2.36 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	15,375 pcs/reel TBD pcs/box	9,777 pcs/reel TBD pcs/box	2 ,713 pcs/reel TBD pcs/box
Size of Roll	MAX OD: 393.7 mm /15.5 in	MAX OD: 330.2 mm / 13 in	MAX OD: 203.2 mm / 8 in
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certificates	ARC Specification Guide		

Orientation sensitivity



Read range



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

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.