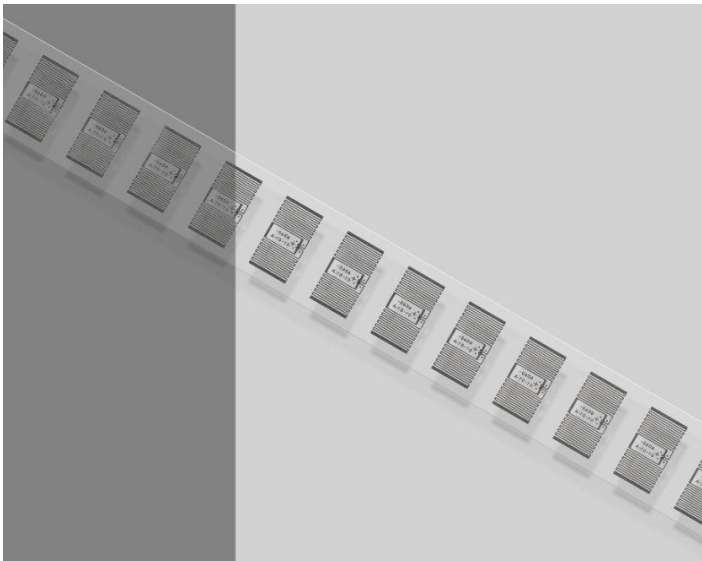


AD Presto M830

Compact RFID inlay designed for robust performance in Beauty and Personal Care



Engineered for Beauty and Personal Care applications, AD Presto M830 is a compact RFID inlay with robust performance. It supports seamless conversion into small hang tags and labels, with a globally tuned antenna that delivers superior read reliability. AD Presto M830 inlays are a great choice for high-efficiency, small item level tagging of retail items, such as cosmetics, jewelry, sunglasses and other accessories.

Featuring the Impinj M830 IC, this inlay is equipped with 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. The improved readability of the new IC offers reliable reading of small tags at high volume and speed which supports the global IoT deployments. AD Presto M830 carries a 22 x 12mm (0.87 x 0.47 in) antenna footprint and is offered in dry, wet and pressure sensitive label format.

Like all RFID products from Avery Dennison, AD Presto 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

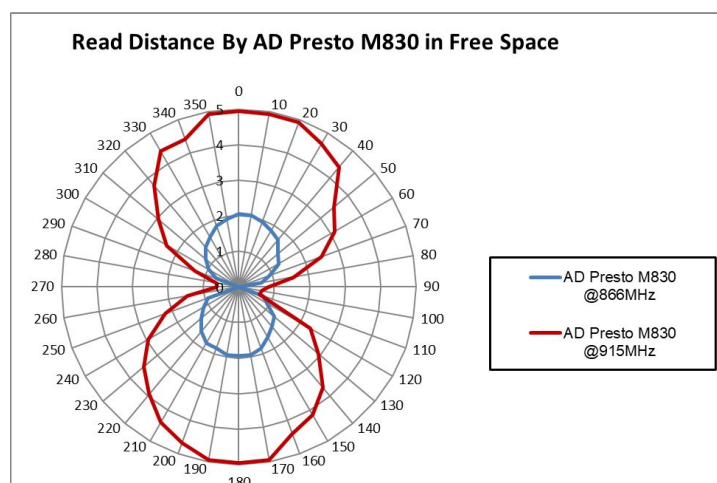
Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	Impinj M830 / Direct Chip Attach
Antenna Dimensions	22 x 12 mm / 0.87 x 0.47 in
International Standard	ISO/IEC 18000-63 Type C
Industry Segments	Beauty General Retail
Applications	Brand Protection Supply Chain Management Inventory and Logistics
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Technical features

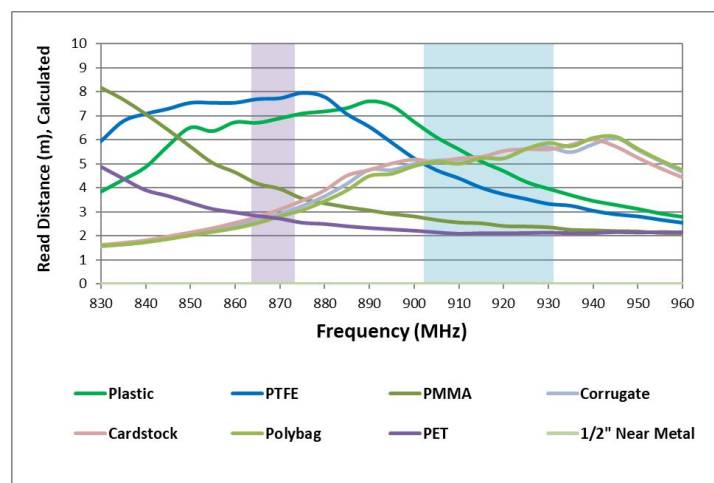
Chip / Chip Attachment Technology	Impinj M830 / Direct Chip Attach		
EPC and User Memory	128-bit EPC and 0-bit User Memory		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	IL-615641	IL-615642	IL-615643
Delivery Format	Dry Inlay	Wet Inlay	Label
Die-Cut Dimensions	-	25 x 15 mm / 0.98 x 0.59 in	25 x 15 mm / 0.98 x 0.59 in
Die-Cut Corner Radius	-	1 mm / 0.039 in	1 mm / 0.039 in
Inlay Substrate	PET Clear	PET Clear	PET Clear
Top Layer Group	-	-	TMBL-100091
Top Layer Description	-	-	Paper 70um Midgloss
Adhesive Group	-	ADH-100005	ADH-100005
Functional Adhesive Description	-	Water borne acrylic PSA. Good adhesion to all generally used substrates such as paper, board and plastics	Water borne acrylic PSA. Good adhesion to all generally used substrates such as paper, board and plastics
Standard Pitch	20 mm / 0.79 in	20 mm / 0.79 in	20 mm / 0.79 in
Web Width	28 mm / 1.1 in	28 mm / 1.1 in	28 mm / 1.1 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
Size of Roll	MAX OD: 13"	MAX OD: 13"	MAX OD: 8"
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
On-Metal	Non metal		

*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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