

AD Flicker U9

Auburn University ARC Certified for General Retail Spec C2

Avery Dennison's newest addition to our C2 inlay portfolio is AD Flicker U9. This inlay offers excellent global performance and is ideal for a wide range of retail applications, including decor, hardware, candles, and other home goods, as well as apparel and cosmetics. Its narrow 51 x 14 mm (2 x 0.55 in) die-cut footprint makes it perfect for use on labels and in hang tags.

Featuring the NXP UCODE 9, AD Flicker U9 is equipped with 96-bit of EPC memory and 96-bit unique factory locked TID number. A 48-bit unique serial number is factory-encoded into the TID. Furthermore, it offers a self adjust feature to maximize product performance in challenging environments. AD Flicker U9 carries a 48 x 11 mm (1.89 x 0.43 in) antenna footprint and is offered in dry inlay, wet inlay and pressure sensitive label delivery formats.

Like all RFID products from Avery Dennison, AD Flicker U9 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

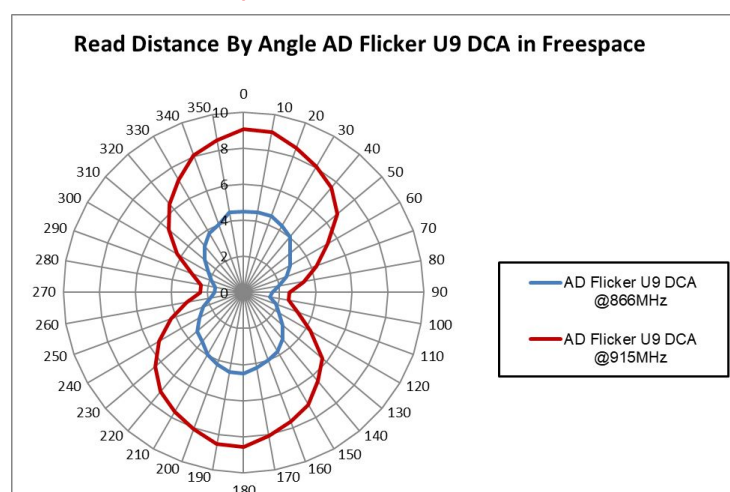
Frequency Band	UHF 860 - 960 MHz
Chip / Chip Attachment Technology	NXP UCODE 9 / Direct Chip Attach
Antenna Dimensions	48 x 11 mm / 1.89 x 0.43 in
International Standard	ISO/IEC 18000-63 Type C
Industry Segments	General Retail Apparel Beauty
Applications	Inventory and Logistics Supply Chain Management Retail
RoHS	EU Directive 2011/65/EU and Directive (EU) 2015/863
REACH	Regulation (EC) No. 1907/2006

Technical features

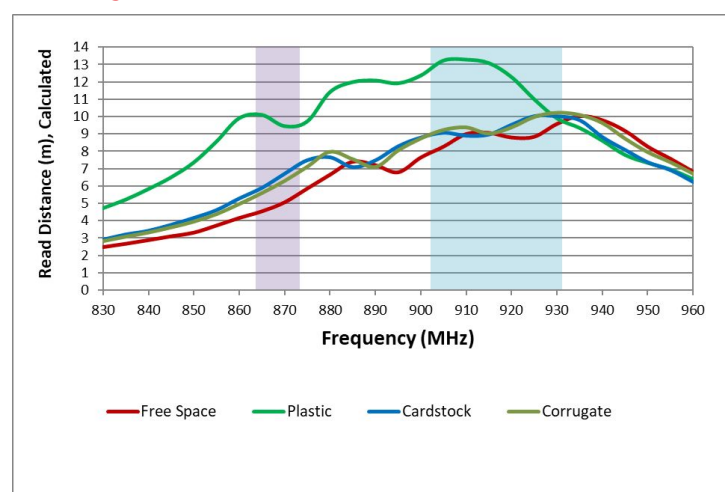
Chip / Chip Attachment Technology	NXP UCODE 9 / Direct Chip Attach				
EPC and User Memory	96-bit and 0-bit				
TID Memory	96-bit / 48-bit unique serial number				
Product Code	IL-613327	IL-613326	IL-613343	IL-614524	IL-614525
Delivery Format	Dry inlay	Wet inlay	Label	Label	Label
Die-Cut Dimensions	-	51 x 14 mm / 2 x 0.55 in	51 x 14 mm / 2 x 0.55 in	51 x 14 mm / 2 x 0.55 in	51 x 14 mm / 2 x 0.55 in
Die-Cut Corner Radius	-	3 mm / 0.118 in	3 mm / 0.118 in	3 mm / 0.118 in	3 mm / 0.118 in
Inlay Substrate	PET Clear	PET Clear	PET Clear	PET Clear	PET Clear
Face Sheet	-	-	Mid-gloss paper	Mid-gloss paper	Mid-gloss paper
Adhesive	-	RA-40	RA-40	RA-40	RA-40
Standard Pitch	15 mm / 0.59 in	18 mm / 0.71 in	18 mm / 0.71 in	25.4 mm / 1 in	31.75 mm / 1.25 in
Web Width	61 mm / 2.4 in	61 mm / 2.4 in	61 mm / 2.4 in	61 mm / 2.4 in	61 mm / 2.4 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	25,000 pcs/reel	25,000 pcs/reel	15,000 pcs/reel	TBD pcs/reel	TBD pcs/reel
Size of Roll	MAX OD: 15.5"	MAX OD: 13"	MAX OD: 9"	MAX OD: 9"	MAX OD: 9"
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F				
On-Metal	Non metal				
ARC Certificates	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



#MakingPossible

© 2025 Avery Dennison Corporation. All rights reserved. The "Making Possible" tagline, Avery Dennison and all other Avery Dennison brands, product names and codes are trademarks of Avery Dennison Corporation. All other brands or product names are trademarks of their respective owners. Fortune 500® is a trademark of Time, Inc. Branding and other information on any samples depicted are fictitious. Any resemblance to actual names is purely coincidental.