

AD-350 U8 WEL

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 8

Antenna Dimensions

76 x 6 mm / 2.99 x 0.24 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Apparel
Logistics

Applications

Supply Chain Management
Home Essentials

RoHS

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

REACH

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



Top performance in many applications

AD-350u8 inlays from Avery Dennison provide excellent performance in a wide range of applications. Available in wide-edge leading format, the inlays are proven to exceed 15 meters read distance in a laboratory environment, and meet retail category performance requirements for specs A, B, C, D, I, K, N and Q under Auburn University's ARC testing program.

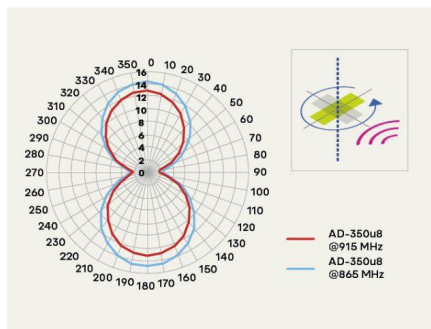
The Gen2 UHF RFID inlays have a slender 76 x 6 mm antenna design and feature UCODE 8 chips from NXP. The chip is equipped with 128-bit of EPC memory and a 96-bit Tag Identifier (TID) with a 48-bit unique serial number factory-encoded into the TID.

Like all RFID products from Avery Dennison, AD-350u8 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.

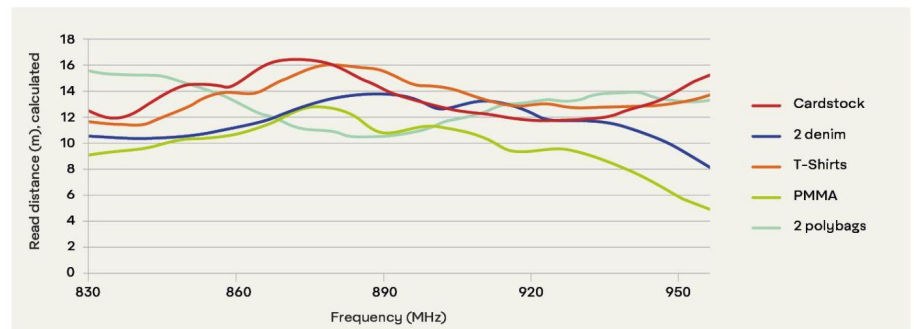
Technical features

Chip	NXP UCODE 8		
EPC and User Memory	128-bit and n/a		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF601325 / IL-603776	RF601326 / IL-603777	RF100614 / IL-603778
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-Cut Dimension	-	78 x 8 mm / 3.07 x 0.32 in	78 x 8 mm / 3.07 x 0.32 in
Inlay Substrate	PET		
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	6 - 8 mils / 142 - 193 microns	7 - 9 mils / 180 - 231 microns	11 - 13 mils / 287 - 338 microns
Standard Pitch	15.88 mm / 0.625 in	15.88 mm / 0.625 in	38.1 mm / 1.5 in
Web Width	88.9 mm / 3.5 in		
Core Size	76 mm / 3 in		
Quantity / Reel	71370 pcs/reel	59595 pcs/reel	4353 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certificates	ARC		

Orientation sensitivity



Read range



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

Contact information

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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.

