AD-310u8

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP UCODE 8

Antenna Dimensions
41.4 x 29 mm / 1.60 x 1.10 in

Die-cut Dimensions
54 x 25 mm / 2.13 x 0.98 in (folded)

International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Logistics

Applications
Supply Chain Management
Brand Protection
Home Essentials

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

High performance and flexible use

AD-310u8 inlays from Avery Dennison are the solution of choice for a wide variety of RFID tagging applications and features the UCODE 8 chip by NXP.

The high performing, Gen2 UHF RFID inlays are a perfect fit for retail items such as apparel and home essentials, and integrate well into supply chain, inventory and logistics applications.

AD-310u8 inlays feature 128 bits of EPC memory and 96-bit unique factory-locked TID number. A 48-bit unique serial number is factory-encoded into the TID. Delivery formats include dry, wet and paper inlay.
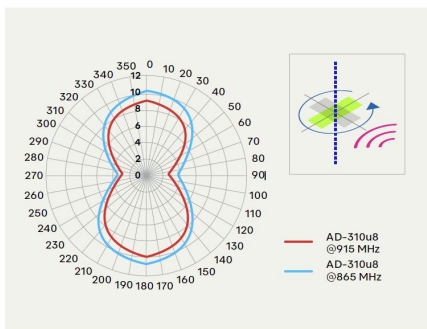
Like all RFID products from Avery Dennison, AD-310u8 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

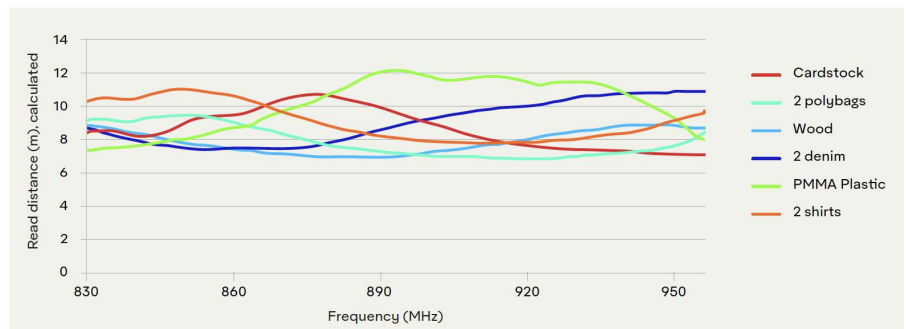# Technical features

Chip	NXP UCODE 8		
EPC and User Memory	128-bit and n/a		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF601172 / IL-603762	RF601173 / IL-603763	RF100542 / IL-603764
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-Cut Dimension	-	44 x 33 mm / 1.75 x 1.30 in	44 x 33 mm / 1.75 x 1.30 in
Inlay Substrate	PET	PET	40# Paper
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	11 - 13 mils / 270 - 320 microns-	11 - 13 mils / 277 - 327 microns	16 - 18 mils / 411 - 462 microns
Standard Pitch	38.1 mm / 1.5 in		
Web Width	50 mm / 2 in		
Core Size	76 mm / 3 in		
Quantity / Reel	13277 pcs/reel	12968 pcs/reel	3154 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC		

Technical features

Technical features

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

Contact information
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