

AD-600 U8

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 8

Antenna Dimensions

90 x 57.5 mm / 3.54 x 2.26 in

International Standard

International Standard

Industry Segments

Automotive
Industrial Applications

Applications

Automotive Tire Tagging

RoHS

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



Made for automotive tire tagging

AD-600u8 inlays from Avery Dennison have been developed for use in automotive tire tagging and on other high dielectric materials.

Equipped with the UCODE 8 chip from NXP, AD-600u8 inlays provide high performance in a variety of industrial applications and are compliant with University of Auburn Spec T.

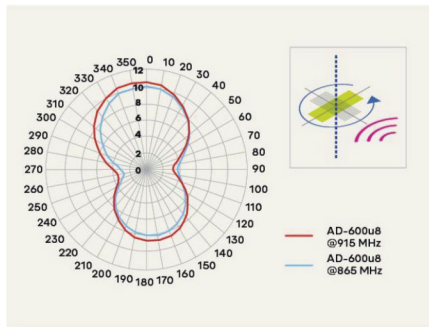
The product's UCODE 8 chip comes with 128-bit of EPC memory, and 96-bit of factory-locked TID with a 48-bit serial number factory-encoded into it. The product is available in Dry Inlay and Wet Inlay delivery formats.

Like all RFID products from Avery Dennison, AD-600u8 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.

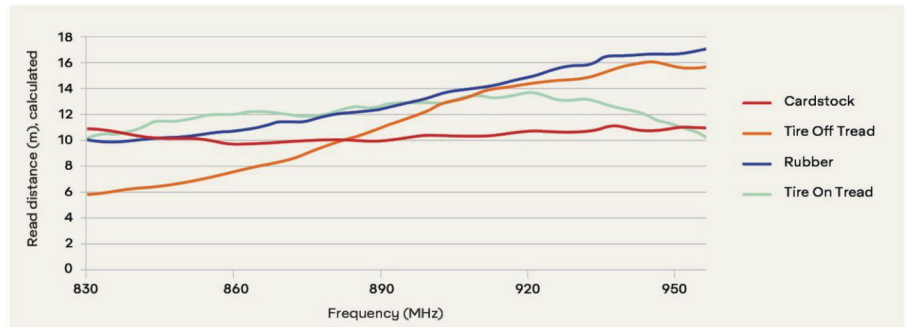
Technical features

Chip	NXP UCODE 8	
EPC and User Memory	128-bit and n/a	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF601623 / IL-603803	RF601624 / IL-603804
Delivery Format	Dry inlay	Wet inlay
Die-Cut Dimension	-	93 x 60.5 mm / 3.66 x 2.38 in
Inlay Substrate	40# Paper	
Total Thickness	11 - 13 mils / 287 - 338 microns	12 - 14 mils / 295 - 346 microns
Standard Pitch	82.5 mm / 3.25 in	
Web Width	96 mm / 3.78 in	
Core Size	76 mm / 3 in	
Quantity / Reel	5800 pcs/reel	5700 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
On-Metal	Non metal	

Orientation sensitivity



Read range



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



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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.



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