

# AD-236u7

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

NXP UCODE 7

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**Antenna Dimensions**

70 x 14.5 mm / 2.76 x 0.57 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Industrial Applications

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**Applications**

Brand Protection  
Supply Chain Management  
Home Essentials

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**REACH**

Regulation (EC) No. 1907/2006

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## High performance on a multitude of items

AD-236u7 inlays from Avery Dennison are high performing Gen2 UHF RFID products that fully leverage the capabilities of NXP's UCODE 7 IC .

The product is suitable for a wide variety of RFID tagging applications, including Supply Chain, Inventory & Logistics, Apparel and Home Essentials.

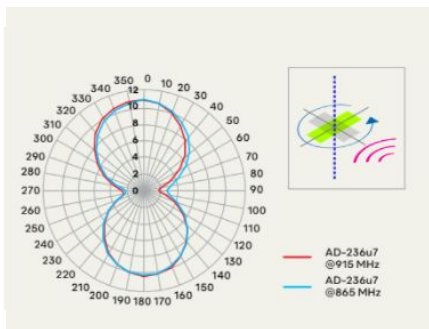
AD-236u7 inlays are equipped with the UCODE 7 IC from NXP, featuring 128-bit of EPC memory and a 96-bit unique serialized TID Number. Available delivery formats comprise Dry Inlay, Wet Inlay and Label / Sticker.

Like all RFID products from Avery Dennison, AD-236u7 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.

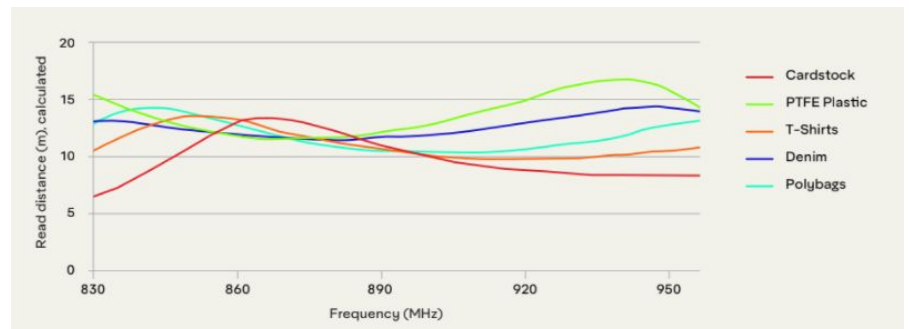
## Technical features

Chip	NXP UCODE 7		
EPC and User Memory	128-bit and n/a	128-bit and n/a	96-bit and n/a
TID Memory	96-bit / 48-bit unique serial number		
Product Code	RF600477 / IL-607499	RF600480 / IL-607352	RF100306 / IL-607085
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-Cut Dimension	–	73 x 17.68 mm / 2.88 x 0.70 in	76 x 20 mm / 3 x 0.80 in
Inlay Substrate	PET	PET	–
Face Sheet	–	–	TT2C (FASSON®) Bright White
Total Thickness	9 - 10 mils / 229 - 254 microns	10 - 12 mils / 254 - 305 microns	10 - 13 mils / 254 - 330 microns
Standard Pitch	22.23 mm / 0.875 in	22.23 mm / 0.875 in	38.1 mm / 1.5 in
Web Width	95 mm / 3.75 in	76 mm / 3 in	82.6 mm / 3 in
Core Size	152 mm / 6 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	40,000 pcs/reel	10,000 pcs/reel	3,154 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	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](http://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.

