

AD Presto U9

Overview

Frequency Band

UHF 860 – 960 MHz

Chip

NXP UCODE 9

IC Attachment Technology

Strap Attach

Antenna Dimensions

22 x 12.5 mm / 0.9 x 0.5 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Beauty and Personal Care
Apparel
Healthcare

Applications

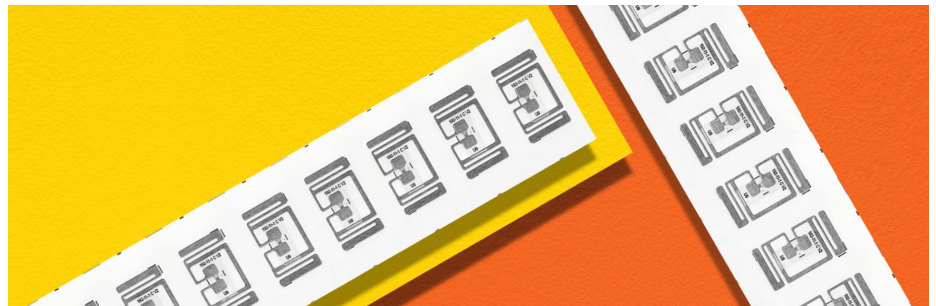
Fashion Jewelry and Sunglasses
Personal Care Products
Pharmaceutical and Healthcare

RoHS

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

REACH

Regulation (EC) No 1907/2006



Ideal for small item-level tagging

Avery Dennison Smartrac's AD Presto U9 inlays and tags are specially designed for jewelry and cosmetics applications, and offer excellent performance.

AD Presto U9 inlays and tags have a tiny 22 x 12.5 mm form factor, allowing them to be easily converted into small-sized hangtags for jewelry labels, or attached to small cosmetic items.

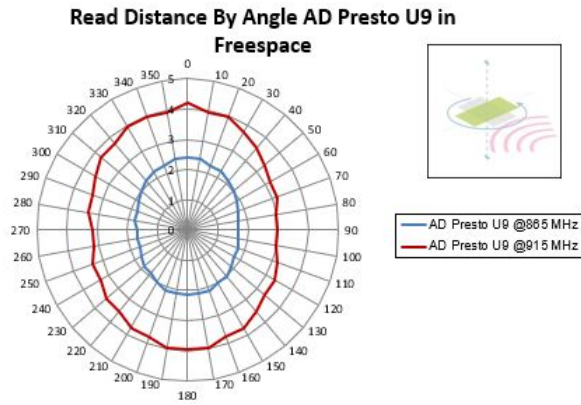
AD Presto inlays and tags equipped with the UCODE 9 IC from NXP feature 96-bits of EPC memory and a 48-bit unique serialized TID number. They achieve up to 3 meters read distance on popular beauty items such as fashion jewelry and cosmetics, as well as pharmaceuticals. They are 100% performance tested and available in dry, wet and label delivery formats.

AD Presto U9 inlays comply with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management to ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the Beauty segment. They are manufactured to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University, which awarded Avery Dennison its first ever ARC accreditation for overall quality.

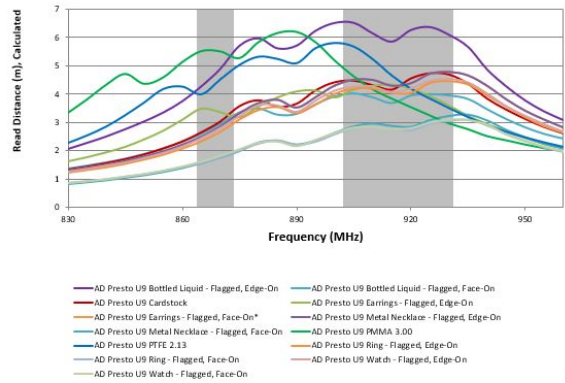
Technical features

Chip	NXP UCODE 9		
IC Attachment Technology	Strap Attach		
EPC and User Memory	96-bit and n/a		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	IL-609848	IL-609849	IL-609847
Delivery Format	Dry Inlay+	Wet inlay	Label
Die-Cut Dimension	NA	24 x 15.5 mm / 0.945 x 0.61 in	31.75 x 15.5 mm / 1.25 x 0.61 in
Inlay Substrate	PET	40# Paper	40# Paper
Face Sheet	-	-	TT2C
Total Thickness	261-312µ	388-439u	411-462u
Standard Pitch	19,05mm/	38.1 mm / 1.5 in	38.1 mm / 1.25 in
Web Width	36,81	36.83 mm / 1.45 in	36.83 mm / 1.45 in
Core Size	76 mm	76 mm / 3 in	76 mm / 3 in
Size of Roll	MAX OD: 15,5"	MAX OD: 13"	MAX OD: 8"
Quantity / Reel	TBD pcs/reel	TBD pcs/reel	TBD pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certificates	N/A		

Orientation sensitivity



Read range



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

Contact information

rfid.averydennison.com/contact
 +1-678-617-2359

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.

