

AD Midas Slim

Overview

Frequency Band

HF 13.56 MHz

Chip

NXP NTAG213

Antenna Dimensions

17 x 8.5 mm/ 0.669 x 0.335 in

International Standard

ISO 14443A

Industry Segments

Electronics and Gaming

Food

Beauty and Personal

Applications

NFC

Food Item-Level Retail

Gaming and Toys

RoHS

EU Directive 2011/65/EU and

Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Smallest rectangular aluminum-based NFC inlay

AD Midas Slim is NFC technology condensed to the max, and represents an excellent option when limited space is available. It is a superior solution for item-level retail, food, and gaming and toys applications – or any other NFC use.

This new product is Avery Dennison's smallest rectangular, aluminum-based NFC product. It is based around NXP's NTAG213 IC, which offers 144 bytes of user memory, and comes with unique ID (UID) mirror functionality, which enables the chip serial number to be mirrored as part of its encoded URL address. This feature allows every tag to be seen and read as unique from the application perspective, without requiring users to encode inlays with different numbers.

Currently available as wet and dry inlays with the NTAG213 chip, AD Midas Slim inlays are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment. They are manufactured according 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 NTAG213	
EPC and User Memory	144 bytes	
TID Memory	Available	
Product Code	3007487 / IL-603664	3007522 / IL-603686
Delivery Format	Wet inlay +	Dry inlay +
Die-Cut Dimension	19 x 10.5 mm / 0.748 x 0.413 in	-
Inlay Substrate	PET	PET
Face Sheet	Clear PET	Clear PET 12
Inlay Liner Material	Siliconized paper	-
Standard Pitch	17 mm / 0.669 in	17 mm / 0.669 in
Web Width	25 mm / 0.984 in	25 mm / 0.984 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	4,000 pcs/reel 16 000 pcs/box	4,000 pcs/reel 16 000 pcs/box
Operating Temperature	-25 °C to 70 °C / -13 °F to 158 °F	

Contact information

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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.

