

AD-380iM

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP iM

Antenna Dimensions

50 x 30 mm / 1.97 x 1.18 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Logistics
Automotive

Applications

Inventory and Logistics

RoHs

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



Versatility meets extended memory

AD-380iM from Avery Dennison is a high performing inlay suitable for a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.

The Gen2 UHF RFID inlay features the UCODE iM chip by NXP. The chip is equipped with 256-bit of EPC memory, and 512-bit of User memory. TID memory is 96-bit, including a perma-locked unique 48-bit serial number, and a 16-bit unalterable XTID header.

Delivery formats include Dry Inlay and Wet Inlay.

Like all RFID products from Avery Dennison, AD-380iM 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 iM	
EPC and User Memory	256-bit and 2048-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF600612	RF600660
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	54 x 34 mm / 2.13 x 1.34 in
Inlay Substrate	PET	
Total Thickness	10 - 12 mils / 254 - 305 microns	14 - 17 mils / 356 - 432 microns
Standard Pitch	38.1 mm / 1.5 in	
Web Width	54 mm / 2 in	58 mm / 2 in
Core Size	76 mm / 3 in	
Quantity / Reel	15000 pcs/reel	10000 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

Contact information

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RoHS

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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.

