

AD-151 G2iM

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP G2iM

Antenna Dimensions

22 x 15 mm / 0.87 x 0.59 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Apparel
Automotive

Applications

Home Essentials
Asset Tracking

RoHS

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



Extra memory for automotive and apparel

Exceptional performance across a wide range of dielectrics

AD-151 G2iM from Avery Dennison is a high performing inlay suitable for a variety of RFID tagging applications, particularly in automotive manufacturing, apparel and housewares.

The Gen2 UHF RFID inlay features the UCODE G2iM chip by NXP. The chip is equipped with 256-bit of EPC memory, and 512-bit of User memory, which is a requirement for many automotive applications. TID memory is 96-bit, including a perma-locked unique 48-bit serial number, and a 16-bit unalterable XTID header.

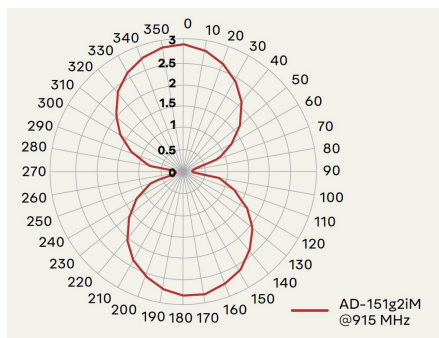
Delivery formats include dry inlay and wet inlay.

Like all RFID products from Avery Dennison, AD-151 G2iM 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.

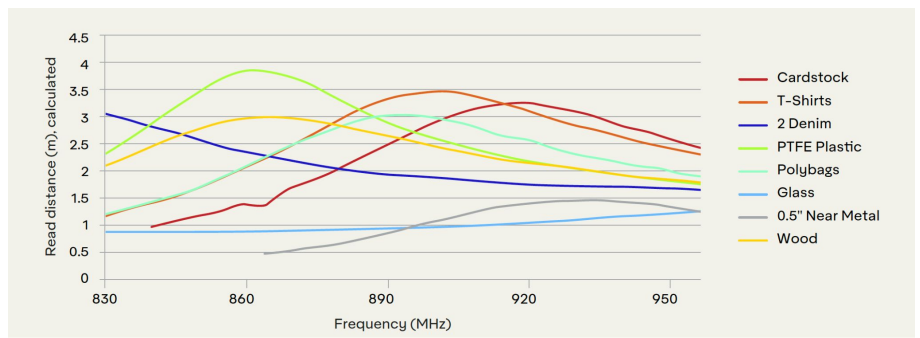
Technical features

Chip	NXP G2iM	
EPC and User Memory	256-bit and 512-bit	
TID Memory	96-bit	
Product Code	3007572 / RF601450 / IL-604016	3007574 / RF601451 / IL-604015
Delivery Format	Dry inlay	Wet inlay
Die-Cut Dimension	-	25 x 18 mm / 0.98 x 0.7 in
Inlay Substance	PET	PET
Face Sheet	-	-
Total Thickness	6 - 8 mils / 142 - 193 microns	7 - 9 mils / 180 - 231 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in
Web Width	36.8 mm / 1.45 in	36.8 mm / 1.45 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	18500 pcs/reel	18400 pcs/reel
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	
On-Metal	Non metal	

Technical features



Technical features



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

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.

