

AD Web UG2iL

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE G2iL

Antenna Dimensions

30 x 49.4 mm / 1.181 x 1.945 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics

Applications

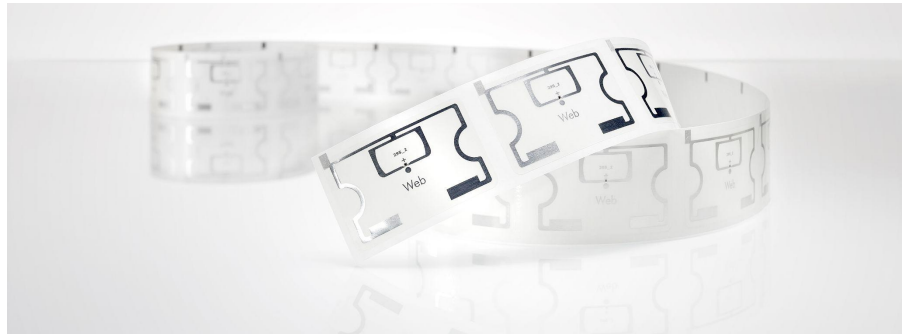
Supply Chain Management
Home Essentials
Brand Protection

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Optimized size and shape for retail

Our AD Web inlays and tags are designed for the unique identification of items such as apparel and electronics. They are suitable especially for item-level retail, logistics and supply chain applications.

Web inlays and tags have a compact 54 mm / 2 inch form factor and ideally shaped inlays for apparel hang tags providing high read reliability with low total applied costs.

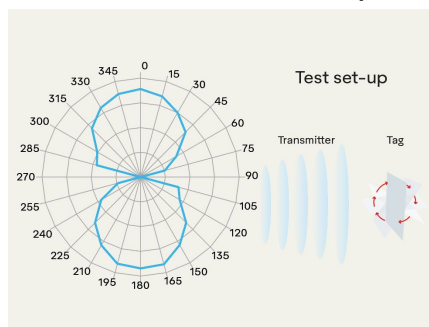
They are with the NXP UCODE G2iL chip that offers an unique TID and is available with NXP UCODE G2iL and G2iL+ IC platforms. Web inlays are approved and certified in the University of Parma's RFID Lab tests, where the Web inlays have proven their excellent performance.

Our inlays and tags 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.

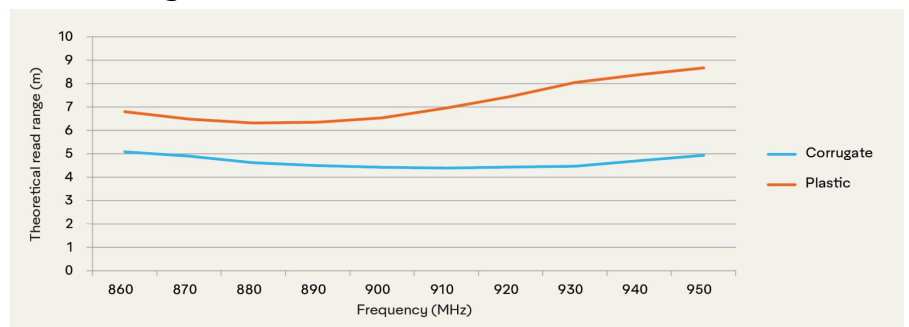
Technical features

Chip	NXP UCODE G2iL	
EPC and User Memory	128-bit	
TID Memory	96-bit / 32-bit unique serial number	
Product Code	3002003 / IL-602595	3002004 / IL-602596
Delivery Format	Wet inlay+	Label / sticker
Die-Cut Dimension	34 x 54 mm / 1.339 x 2.126 in	34 x 54 mm / 1.339 x 2.126 in
Inlay Substrate	PET	PET
Face Sheet	Clear PET	Opaque Matt Paper 79
Standard Pitch	60 mm / 2.362 in	60 mm / 2.362 in
Web Width	40 mm / 1.6 in	40 mm / 1.6 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	2,000 pcs/reel 10,000 pcs/box	2,000 pcs/reel 10,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	

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

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.

