

AD Web U7

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 7

Antenna Dimensions

50 x 30 mm / 1.97 x 1.18 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/EU and
Directive (EU) 2015/863

REACH

Regulation (EC) No. 1907/2006



Optimized size and shape for apparel applications

Our AD Web tags and inlays 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 products are compact and ideally shaped inlays for apparel hang tags providing high read reliability, excellent performance even when stacked in close proximity with low total applied costs.

Web tags with the NXP UCODE 7 IC, used in retail applications, have passed the Auburn Radio Compliance (ARC) tests A, B, F, G, K, I, M, and Q defined by the RFID Research Center at the University of Auburn. It is also tested to meet GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B and S10B, M15B and S15B for the retail supply chain, retailers and suppliers.

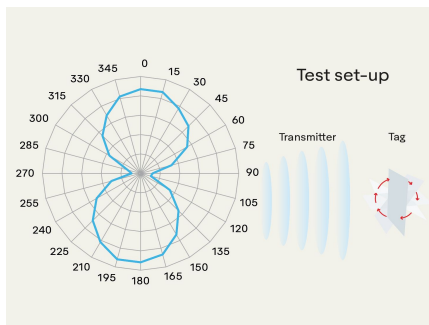
Retailers and brand owners can deploy our Web tags for apparel globally, as they comply with frequency regulations set up in US (FCC), EU (ETSI) and Asia.

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.

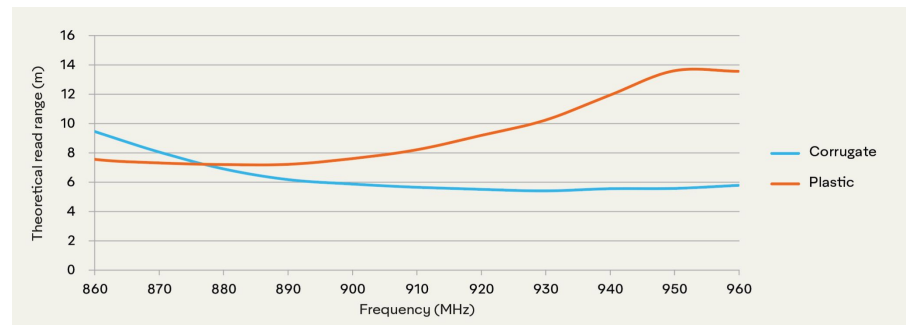
Technical features

Chip	NXP UCODE 7
EPC and User Memory	128-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	3002972 / IL-602758
Delivery Format	Label / sticker
Die-Cut Dimension	54 x 34 mm / 2.13 x 1.34 in
Inlay Substrate	PET
Face Sheet	Mid-gloss paper
Standard Pitch	40 mm / 1.575 in
Web Width	60 mm / 2.4 in
Core Size	76 mm / 3 in
Quantity / Reel	2,000 pcs/reel 6,000 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.

