

Miniweb

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 7

Antenna Dimensions

46 x 16 mm / 1.80 x 0.60 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics
Healthcare

Applications

Supply Chain Management
Home Essentials
Inventory and Logistics

RoHS

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

REACH

Regulation (EC) No 1907/2006



Ideal for small apparel labels

Our Miniweb inlays and tags are designed for global retail, industry and supply-chain applications, and feature excellent performance and superior close coupling.

Miniweb inlays and tags have a compact 50 mm / 2 inch form factor, which can be easily converted into small-sized hangtags and other apparel labels, and are produced in dry, wet and label / sticker delivery formats. They are available with the NXP UCODE 7 that offers unique TID, enables pre-serialized EPC and parallel encoding, and provides a product status flag.

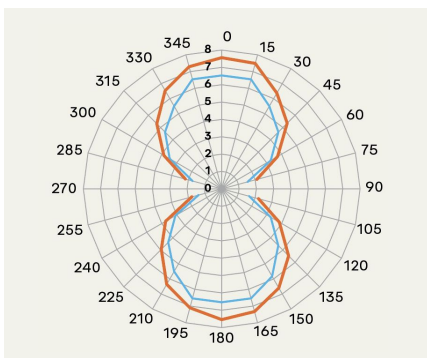
Miniweb with the NXP UCODE 7, used in retail applications, is included on the approved inlay list for boxed electronics by the RFID Research Center of the University of Auburn, and complies with category A, B, D, and G. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B and S10B, M15B and S15B for the retail supply chain, retailers and Suppliers.

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.

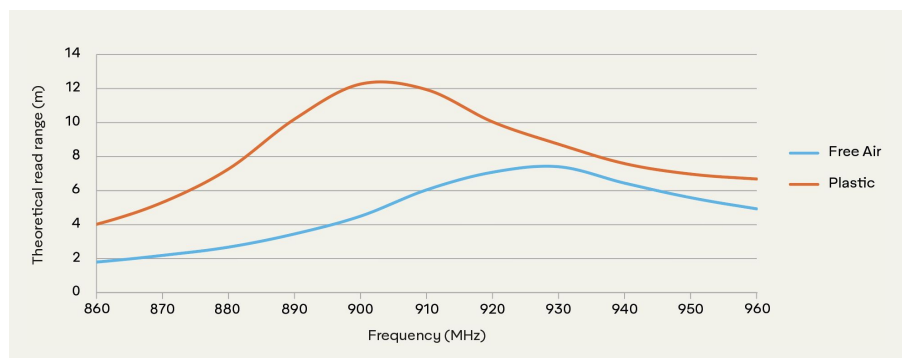
Technical features

Chip	NXP UCODE 7				
EPC and User Memory	128-bit and n/a				
TID Memory	96-bit / 48-bit unique serial number				
Product Code	3003013	3003014	3003015	3004499	3005233
Delivery Format	Dry inlay	Wet inlay	Label / sticker	Dry inlay	Wet inlay
Die-Cut Dimension	–	49 x 18 mm 1.93 x 0.71 in	49 x 18 mm 1.93 x 0.71 in	–	49 x 18 mm 1.93 x 0.71 in
Inlay Substrate	PET	PET	PET	PET	PET
Face Sheet	Clear PET	Clear PET	Mid-gloss paper	-	Clear PET
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	50 mm / 1.97 in	54 mm / 2.1 in	54 mm / 2.1 in	54 mm / 2.1 in	54 mm / 2.1 in
Core Size	76 mm / 3 in				
Quantity / Reel	15,000 pcs/reel 30,000 pcs/box	15,000 pcs/reel 30,000 pcs/box	15,000 pcs/reel 30,000 pcs/box	15,000 pcs/reel -	10,000 pcs/reel 10,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F				
Certificates	ARC				

Orientation sensitivity



Read range



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

Contact information

rfid.averydennison.com/contact
North America: +1-866-903-7343 (toll free US)
International: +1-678-617-2359

Connect with us on:



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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.

