

Eagle® Green

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

NXP UCODE 8

Antenna Dimensions

44 x 28 mm / 1.70 x 1.10 in

International Standard

ISO 18000-6C, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics

Applications

Supply Chain Management
Brand Protection
Home Essentials

RoHs

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

REACH

Regulation (EC) No 1907/2006



Top read range and sustainability for retail applications

Our Eagle® Green inlays and tags combine superior sustainability characteristics with compact size, excellent read range and high quality for retail-optimized applications. In accordance with the strict criteria applicable for our Green Tag Program, Eagle® Green uses plastic-free, fully recyclable paper as the substrate, foregoes adhesives as much as possible, and comes with a laser-cut aluminum antenna that allows the complete recycling of aluminum residues, resulting in a significant carbon footprint reduction.

Eagle® Green is among the smallest retail-orientated inlay and has passed Auburn University's ARC categories A, B, C, D, F, G, I, K, M, Q, W2 and W.

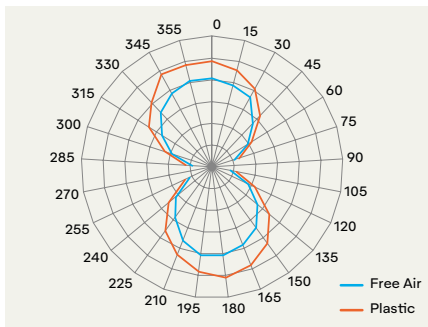
Eagle® Green is equipped with an NXP UCODE 8 IC, which shares memory size and typical IC features with NXP's UCODE 7 IC, and additionally offers benefits such as a self-adjust feature to maximize product performance in challenging environments, improved read and write sensitivity, and a very fast encoding speed. Furthermore, the chip has an integrated brand identifier function to prove product authenticity and a memory safeguard system to protect business data.

All of our RFID products 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.

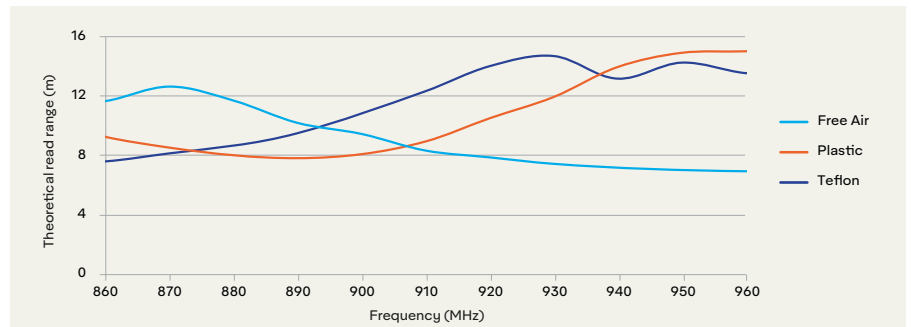
Technical features

Chip	NXP UCODE 8
EPC and User Memory	128-bit and n/a
TID Memory	96-bit / 48-bit unique serial number
Product Code	3007417
Delivery Format	Label / sticker
Die-cut Dimension	47 x 31 mm / 1.90 x 1.20 in
Inlay Substrate	PET
Face Sheet	Paper
Standard Pitch	34 mm / 1.339 in
Web Width	50 mm / 2 in
Core Size	76 mm / 3 in
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F
Certificate	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



© 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.