AD-366 U9 Dual EAS

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP UCODE 9

Antenna Dimensions
73.1 x 37.7 mm / 2.877 x 1.484 in

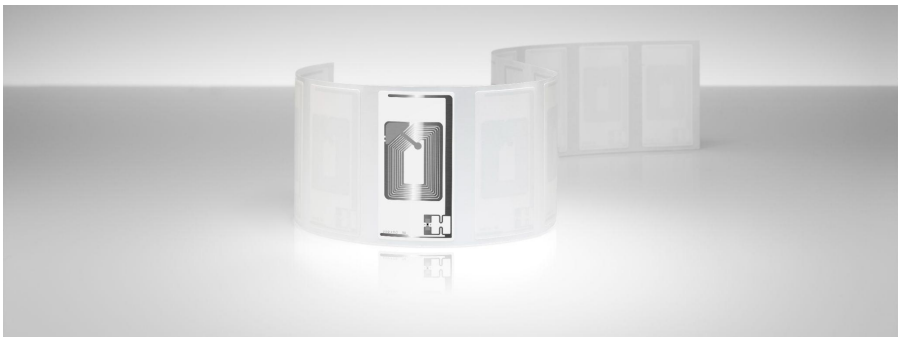
International Standard
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Supply Chain
Logistics

Applications
Retail
Supply Chain Management
Theft Prevention

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

REACH
Regulation (EC) No. 1907/2006



Combining UHF RFID and EAS

AD-366 U9 inlays from Avery Dennison are a unique dual-technology design that incorporates a UHF RFID inlay and an Electronic Article Surveillance (EAS) tag in a single die-cut label.

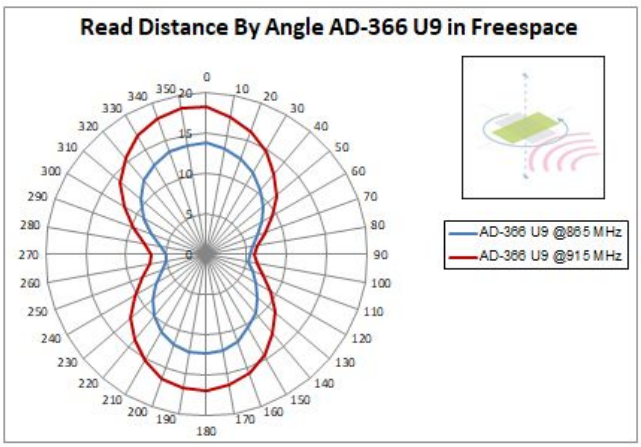
The product hence combines item-level tracking capabilities for a wide range of retail apparel products with a secondary loss prevention functionality.

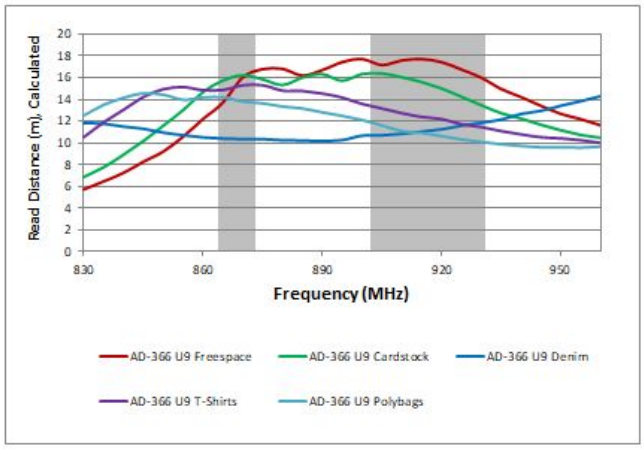
AD-366 U9 inlays are equipped with the NXP UCODE 9 IC that provides interchangeable 96-bit EPC memory, TID memory is 96-bit with a 48-bit unique serial number.

Like all RFID products from Avery Dennison, AD-366 U9 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 UCODE 9
EPC and User Memory	96-bit EPC and 0
TID Memory	96-bit / 48-bit unique serial number
Product Code	RF101044 / IL-604195
Delivery Format	Label / sticker
Die-Cut Dimension	75 x 40 mm / 2.953 x 1.575 in
Inlay Substrate	5pt Integrity
Inlay Liner Material	Paper Liner
Total Thickness	16–18 mils / 411–456 microns
Standard Pitch	50.8 mm / 2 in
Web Width	81.35 mm / 3.203 in
Core Size	76.2 mm / 3 in
Quantity / Reel	2,400 Good +10% / - 0
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F
On-Metal	Non-metal
Certificate	ARC Specs: F, G, I, L, K, N, Q, M





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

Contact information
rfid.averydennison.com/contact
+1-678-617-2359

Connect with us on:

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.