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

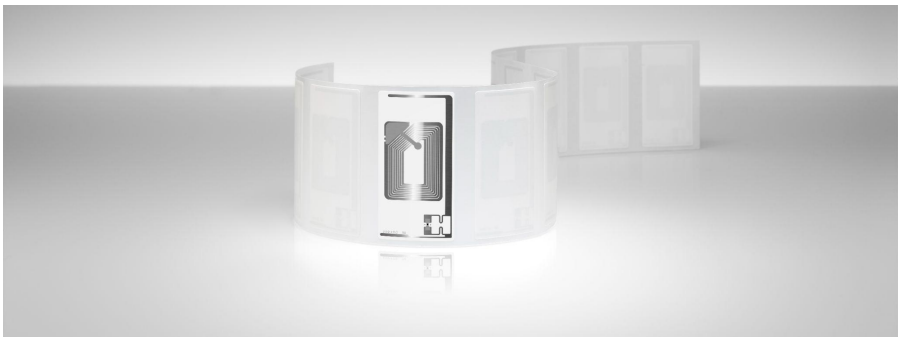
International Standard
ISO/IEC 18000-63 Type C

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.

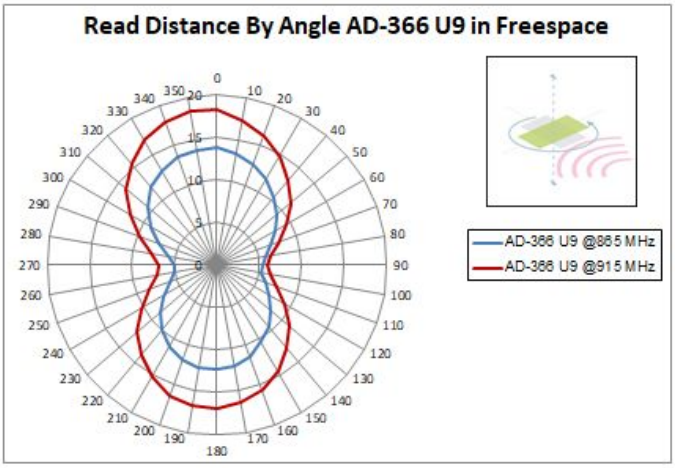
Like all RFID products from Avery Dennison, AD-366 U9 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

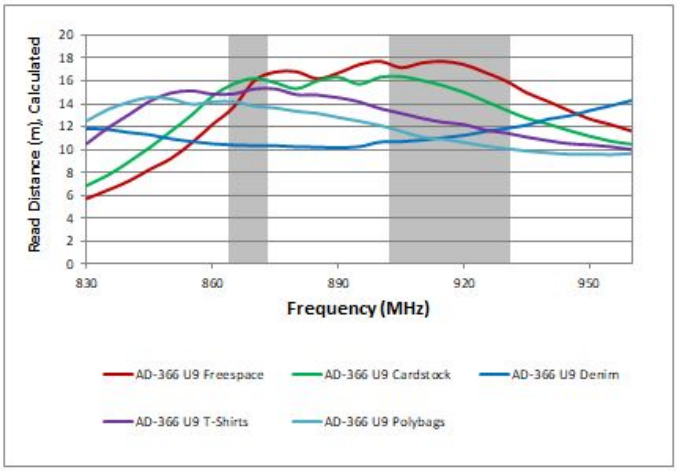
Technical features

Chip	NXP UCODE 9
EPC and User Memory	96-bit EPC and 0
TID Memory	96-bit / 48-bit unique serial number
Product Code	IL-613877
Delivery Format	Label / sticker
Die-Cut Dimension	76 x 40 mm / 2.992 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

Technical features - EAS Component

EAS Label	NeDap NT4030/TRANSP/8KR
Size	40 x 30 mm / 1.57 x 1.18 in
Resonance Frequency	8.2 MHz ±5%, Compatible with all 8.2 MHz EAS systems





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

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