

Avery Dennison

AD-385u8

Overview

Frequency Band
UHF 860 - 960 MHz

Chip
NXP UCODE 8

Antenna Dimensions
50 x 30 mm / 1.97 x 1.18 in

International Standart
ISO/IEC 18000-63 Type C

Industry Segments
Apparel
Logistics

Applications
Brand Protection
Supply Chain Management
Home Essentials

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



Combining performance and versatility

AD-385u8 from Avery Dennison is a high performing inlay suitable for a wide variety of RFID tagging applications. It features the UCODE 8 chip by NXP.

The Gen2 UHF RFID inlay perfectly integrates with a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.

AD-385u8 features the UCODE 8 chip that is equipped with 128-bit of EPC memory, including a 32-bit access password and 32-bit kill password to permanently disable the tag. A 96-bit Tag Identifier (TID) is factory locked with a 48-bit unique serial number factory-encoded into the TID.

AD-385u8 is available in wide-edge leading as well as narrow-edge leading format. Delivery formats include dry, wet and label / sticker.

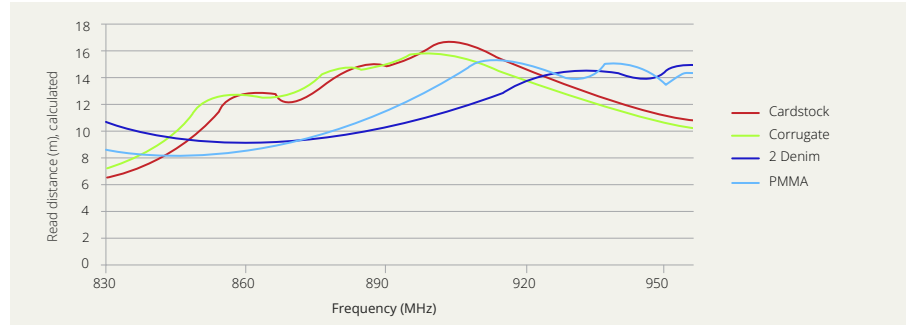
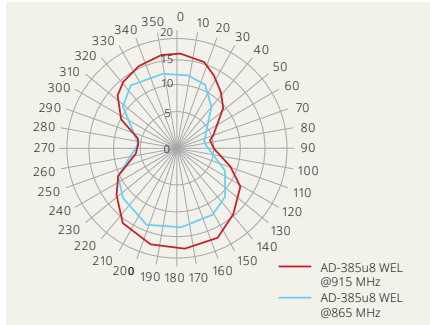
Like all RFID products from Avery Dennison, AD-385u8 inlays are manufactured according to the industry's highest quality standards, as confirmed by the RFID Lab at Auburn University: The inspection body awarded Avery Dennison its first comprehensive and significant ARC accreditation for quality.

Technical features

Chip	NXP UCODE 8		
EPC and User Memory	128-bit and n/a		
TID Memory	96-bit		
Product Code	RF601086	RF601087	RF100465
Delivery Format	Dry inlay	Wet inlay	Label / sticker
Die-cut Dimension	-	54 x 34 mm / 2.13 x 1.34 in	54 x 34 mm / 2.13 x 1.34 in
Inlay Substrate	PET	PET	38um Paper
Face Sheet	-	-	TT2C (FASSON®) Bright White
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 12 mils / 254 - 305 microns	11 - 14 mils / 280 - 355 microns
Standard Pitch	38.1 mm / 1.5 in	38.1 mm / 1.5 in	50.8 mm / 2 in
Web Width	54 mm / 2 in	58 mm / 2 in	58 mm / 2 in
Core Size	76 mm / 3 in		
Quantity / Reel	15000 pcs / reel	10000 pcs / reel	2610 pcs / reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC		

Orientation sensitivity

Read range



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