Avery Dennison

AD-383u7

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

Superior read range on a wide range of dielectrics

AD-383u7 from Avery Dennison is a high performing inlay suitable for a wide **variety of RFID tagging applications. The product features the UCODE 7 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-383u7 is equipped with the UCODE 7 IC from NXP, featuring 128-bit of EPC **memory and 96-bit TID memory, pre-encoded for multi-vendor chip (MCS) based serialization. The product is also available in a narrow-edge leading format. Delivery formats include Dry Inlay, Wet Inlay and Pressure Sensitive Label.**

Like all RFID products from Avery Dennison, AD-383u7 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.**

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Technical features

Chip	NXP UCODE7		
EPC and User Memory	128-bit and n/a		
TID Memory	96-bit		
Product Code	RF600527	RF600465	RF100350
Delivery Format	Dry inlay	Wet inlay	**Label / sticker**
Die-cut Dimension	-	54 x 34 mm / 2.13 x 1.34 in	57 x 38 mm / 2.25 x 1.50 in
Inlay Substrate	PET		
Face Sheet	-	-	**TT2C (FASSON®)** Bright White
Total Thickness	9 - 11 mils / 229 - 279 microns	10 - 12 mils / 254 - 305 microns	15 - 17 mils / 389 - 439 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	61.2 mm / 2 in
Core Size	76 mm / 3 in		
Quantity / Reel	15000 pcs / reel	10000 pcs / reel	2489 pcs / reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F		
On-Metal	Non metal		
Certificate	ARC		