

AD-373u7XM

Overview

Frequency Band

UHF 860 – 960 MHz

Chip

NXP UCODE 7XM

Antenna Dimensions

53 x 19 mm / 2.09 x 0.75 in

International Standard

ISO/IEC 18000-63 Type C

Industry Segments

Aviation
Automotive

Applications

Asset Tracking

RoHs

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



Perfect for tagging aviation accessories

AD-373u7XM inlays from Avery Dennison are recommended for tagging aviation accessories such as life vests, medical kits, and other items related to passenger safety which often require a high level of information about the product encoded on the tag.

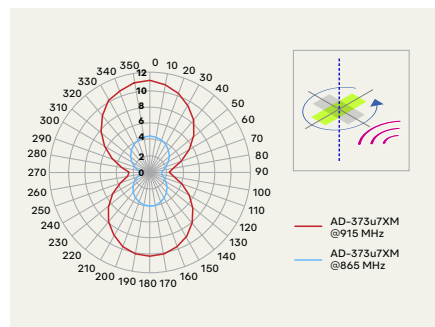
Also well suited for automotive applications, AD-373u7XM inlays are built for global performance (860 – 960 MHz) and equipped with NXP's UCODE 7XM chip. The chip offers 448-bit EPC Memory, an extended User Memory of 2-kbits and 48-bit unique serialized TID number. Available delivery formats include dry inlay and wet inlay.

Like all RFID products from Avery Dennison, AD-373u7XM 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.

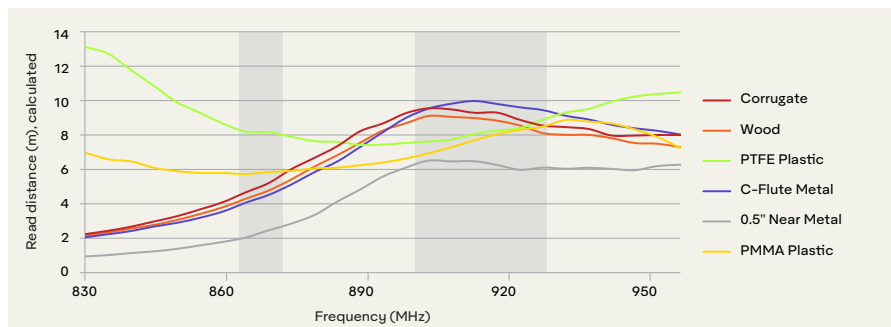
Technical features

Chip	NXP UCODE 7XM	
EPC and User Memory	448-bit and 2048-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	RF601442	RF601249
Delivery Format	Dry inlay	Wet inlay
Die-cut Dimension	-	57 x 25 mm / 2.25 x 1 in
Inlay Substrate	Opaque PET	
Total Thickness	11 - 13 mils / 268 - 319 microns	11 - 13 mils / 277 - 327 microns
Standard Pitch	38.1 mm / 1.5 in	
Web Width	63.5 mm / 2.5 in	
Core Size	76 mm / 3 in	
Quantity / Reel	13277 pcs/reel	13500 pcs/reel
Operating Temperature	-40 °C to 85 °C -40 °F to 185 °F	
On-Metal	Non metal	

Orientation sensitivity



Read range



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

Contact information

rfid.averydennison.com/contact

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RoHS

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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.

