

# AD Belt U9XM

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip Attachment Technology**

Direct Chip Attach

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**Chip**

NXP UCODE 9XM

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**Antenna Dimensions**

70 x 14 mm / 2.75 x 0.55 in

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**International Standard**

ISO 18000-63, EPC Class 1 Gen 2

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**Industry Segments**

Automotive  
Industrial Applications  
Logistics

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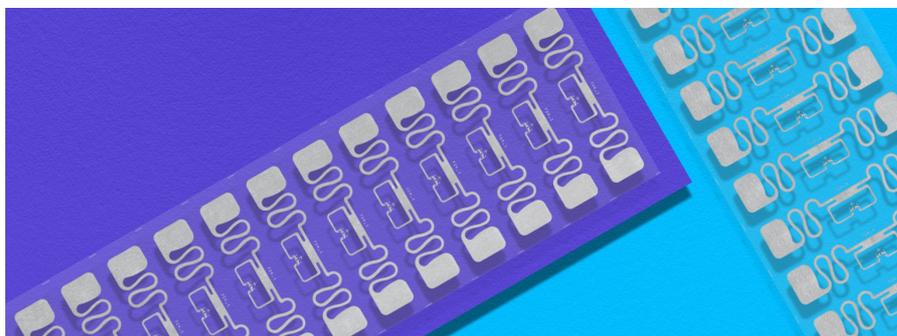
**RoHS**

EU Directive 2011/65/EU and  
Directive (EU) 2015/863

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**REACH**

Regulation (EC) No. 1907/2006



## Compact size and high performance in item-level tagging in automotive and industry applications

AD Belt U9XM inlays and tags are designed for automotive, industry and logistics applications, offering excellent performance on difficult-to-tag or low-detuning materials such as cardboard and plastic, and in other demanding environments. The inlays are used in automotive to identify and track car body parts such as car seats, bumpers, and airbags, as well as in vehicle logistics and automotive production control.

AD Belt U9XM inlays and tags have a compact 73 mm / 2.8 inch size, which can be easily converted into end-application usage, and are available in dry and label delivery formats.

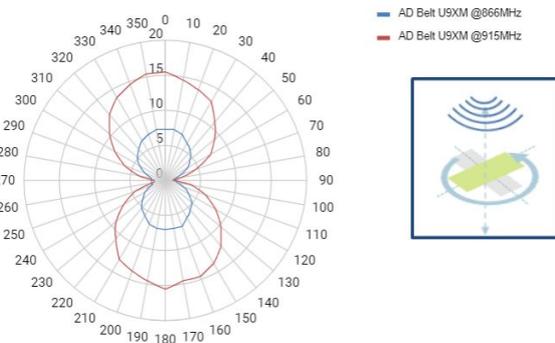
AD Belt equipped with NXP UCODE 9XM IC offers higher memory with 256-bit of EPC memory and 624-bit user memory. Furthermore, it offers a self adjust feature to maximize product performance i.e. longer read range in challenging environments.

Avery Dennison Smartrac inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management Standards, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

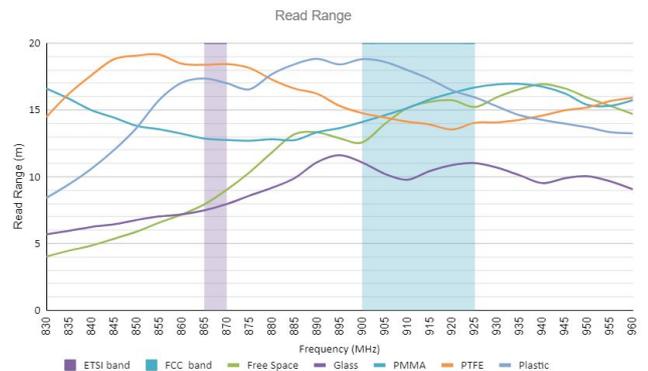
## Technical features

Chip	NXP UCODE 9XM	
Chip Attachment Technology	Direct Chip Attach	
EPC and User Memory	256-bit and 624-bit	
TID Memory	96-bit / 48-bit unique serial number	
Product Code	3009486 / IL-609337	3009485 / IL-609334
Delivery Format	Dry inlay	Label
Die-Cut Dimension	-	73 x 17 mm / 2.87 x 0.67 in
Inlay Substrate	PET	PET
Face Sheet	-	Mid-gloss paper
Standard Pitch	20 mm / 0.79 in	20 mm / 0.79 in
Web Width	80 mm / 3.15 in	80 mm / 3.15 in
Core Size	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	20,000 pcs/reel TBD pcs/box	5,000 pcs/reel TBD pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F	

## Orientation sensitivity



## Read range



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

### Contact information

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Connect with us on:



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**Warranty:** Please refer to Avery Dennison standard terms and conditions: [rfid.averydennison.com/termsandconditions](http://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.

