

# AD-362 R6-P

## Overview

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**Frequency Band**

UHF 860 - 960 MHz

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**Chip**

Impinj Monza R6-P

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**Antenna Dimensions**

65.2 x 38 mm / 2.567 x 1.496 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Supply Chain  
Inventory  
Logistics  
Home Essentials

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**Applications**

Apparel  
Supply Chain  
Inventory and Logistics  
Home Essentials

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**RoHS**

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

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**REACH**

Regulation (EC) No. 1907/2006



## Combining UHF RFID and EAS

AD-362r6-P 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.

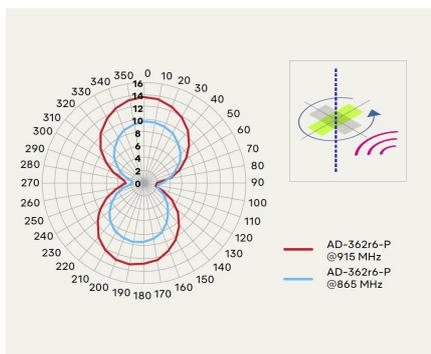
AD-362r6-P inlays are equipped with the Impinj Monza R6-P IC that provides interchangeable 96/128-bit EPC and 64/32-bit User Memory. TID memory is 96-bit with a 48-bit unique serial number.

Like all RFID products from Avery Dennison, AD-362r6-P 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.

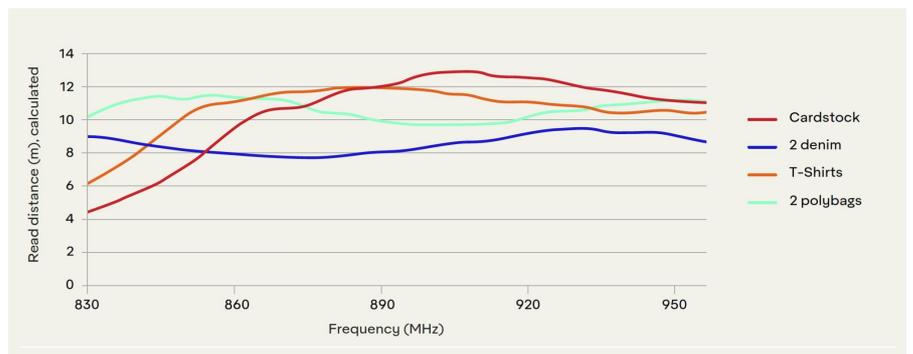
## Technical features

Chip	Impinj Monza R6-P
EPC and User Memory	128-bit / 96-bit and 32-bit / 64-bit
TID Memory	96-bit / 48-bit unique serial number
Product Code	RF100688 / IL-605518
Delivery Format	Label / sticker
Die-Cut Dimension	75 x 40 mm / 2.953 x 1.574 in
Inlay Substrate	5pt Integrity
Inlay Liner Material	Siliconized paper
Total Thickness	16 - 18 mils / 405 - 456 microns
Standard Pitch	50.8 mm / 2 in
Web Width	88.9 mm / 3.5 in
Core Size	76 mm / 3 in
Quantity / Reel	2,400 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](http://rfid.averydennison.com/contact)

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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.

