

# AD-237r6-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**

70 x 14.5 mm / 2.76 x 0.57 in

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**International Standard**

ISO/IEC 18000-63 Type C

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**Industry Segments**

Apparel  
Industrial Applications

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**Applications**

Brand Protection  
Supply Chain Management  
Home Essentials

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**RoHs**

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

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## High performance on a multitude of items

AD-237r6 and AD-237r6-P inlays from Avery Dennison are high performing, Gen2 UHF RFID products that are available in two chip formats: Monza r6 and Monza r6-P.

Both versions are suitable for a wide variety of RFID tagging applications, including supply chain, inventory & logistics, apparel and home essentials.

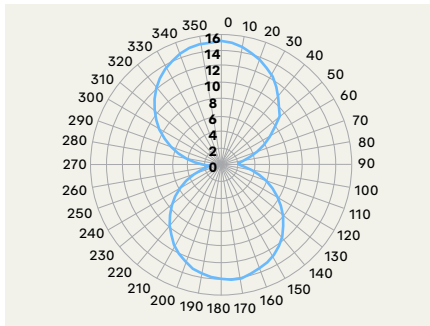
AD-237r6 with the Impinj Monza R6 IC comes with 96-bit of EPC memory while AD-237r6-P with the Impinj Monza R6-P is available with both EPC and user memory options. In addition, the R6-P based inlays provide additional features including kill and access password protection to ensure user privacy. Both AD-237r6 and AD-237r6-P are available in dry, wet and label / sticker delivery formats.

Like all RFID products from Avery Dennison, AD-237r6 and AD-237r6-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.

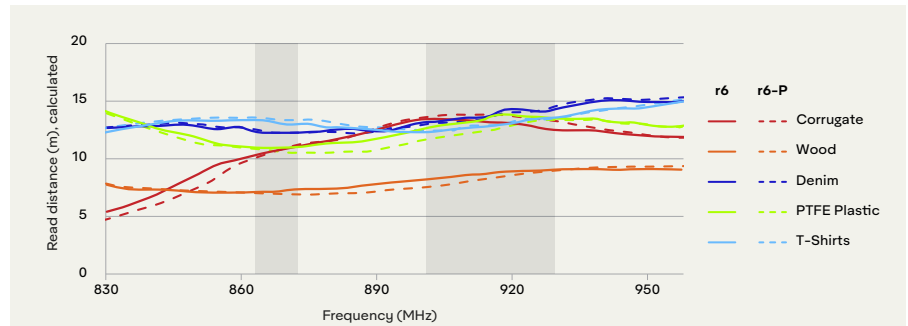
## Technical features

|                              |                                      |                                |                                 |
|------------------------------|--------------------------------------|--------------------------------|---------------------------------|
| <b>Chip</b>                  | Impinj Monza R6-P                    |                                |                                 |
| <b>EPC and User Memory</b>   | 128-bit / 96-bit and 32-bit / 64-bit |                                |                                 |
| <b>TID Memory</b>            | 96-bit / 48-bit unique serial number |                                |                                 |
| <b>Product Code</b>          | RF600770                             | RF600771                       | RF100343                        |
| <b>Delivery Format</b>       | Dry inlay                            | Wet inlay                      | Label / sticker                 |
| <b>Die-cut Dimension</b>     | -                                    | 73 x 17.7 mm / 2.88 x 0.70 in  | 76 x 20 mm / 3 x 0.80 in        |
| <b>Inlay Substrate</b>       | Opaque PET                           | Opaque PET                     | 40# Paper                       |
| <b>Face Sheet</b>            | -                                    | -                              | TT2C (FASSON®) Bright White     |
| <b>Total Thickness</b>       | 7 - 9 mils / 178 - 229 microns       | 7 - 9 mils / 178 - 229 microns | 9 - 11 mils / 229 - 279 microns |
| <b>Standard Pitch</b>        | 22.23 mm / 0.875 in                  | 22.23 mm / 0.875 in            | 38.1 mm / 1.5 in                |
| <b>Web Width</b>             | 95 mm / 3.75 in                      | 76 mm / 3 in                   | 82.6 mm / 3.25 in               |
| <b>Core Size</b>             | 152 mm / 6 in                        | 76 mm / 3 in                   | 76 mm / 3 in                    |
| <b>Quantity / Reel</b>       | 40000 pcs/reel                       | 10000 pcs/reel                 | 3225 pcs/reel                   |
| <b>Operating Temperature</b> | -40 °C to 85 °C<br>-40 °F to 185 °F  |                                |                                 |
| <b>On-Metal</b>              | Non metal                            |                                |                                 |
| <b>Certificate</b>           | ARC                                  |                                |                                 |

## Orientation sensitivity



## Read range



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

## Contact information

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RoHS

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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.

