

# Belt R6-P

## Overview

---

**Frequency Band**

UHF 860 - 960 MHz

---

**Chip**

Impinj Monza R6-P

---

**Antenna Dimensions**

70 x 10 mm / 2.76 x 0.39 in

---

**International Standard**

ISO 18000-63, EPC Class 1 Gen 2

---

**Industry Segments**

Apparel  
Industrial Applications

---

**Applications**

Brand Protection  
Supply Chain Management  
Home Essentials

---

**RoHS**

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

---

**REACH**

Regulation (EC) No 1907/2006



## Compact size and high performance in item-level tagging

Our Belt inlays and tags are designed for global retail, industry and supply chain applications with excellent performance, including in close coupling environments.

Belt inlays and tags have a compact 76 mm / 3 inch form factor, which can be easily converted into end-application usage, and are available in dry, wet and paper tag delivery formats.

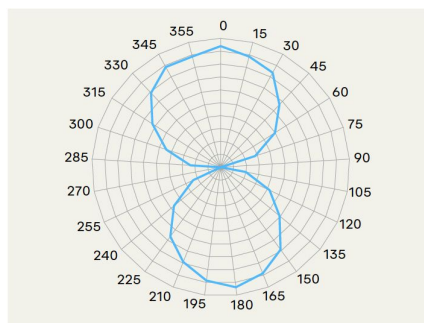
Belt products Impinj Monza R6-P chip come with an autotune feature, which helps Belt products to work at peak efficiency, even in rapidly changing environments. Inlays with Monza R6-P offer an add-on user memory and on-demand memory configuration as well as a kill function and easy access control to change tag information for store data, if required.

Belt with the Impinj Monza R6-P IC, used in retail applications, is included on the approved inlay list for boxed electronics by the ARC (Auburn Radio Compliance Center), and complies with categories A, B, C, D, F, K, I, M, N, Q. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gradings M10B S15B, M15B S15B and M20D S15D for the retail supply chain, retailers and suppliers, and is recommended by Impinj for the fixed-base xArray system. Our inlays and tags are compliant with ISO 9001:2015 Quality Management and ISO 14001:2015 Environmental Management, which ensure a reliable and state-of-the-art product that meets a variety of application needs, especially in the retail environment.

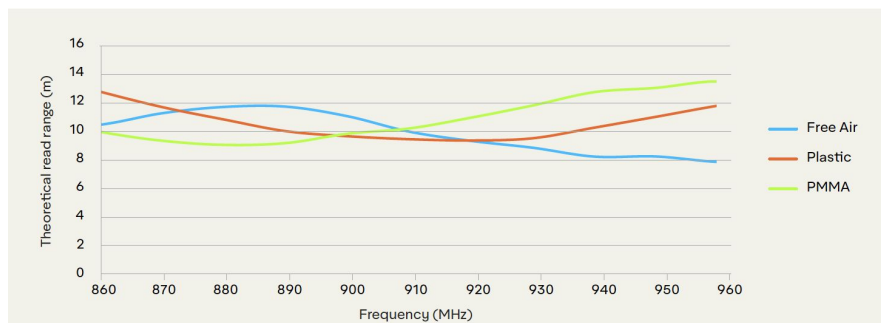
## Technical features

Chip	Impinj Monza R6-P			
EPC and User Memory	128-bit and 32-bit			
TID Memory	96-bit / 48-bit unique serial number			
Product Code	3005065	3005066	3005067	3005068
Delivery Format	Label / sticker	Label / sticker	Dry inlay	Wet inlay
Die-Cut Dimension	73 x 13 mm 2.87 x 0.51 in	73 x 17 mm 2.87 x 0.67 in	–	73 x 13 mm 2.87 x 0.51 in
Inlay Substrate	PET	PET	PET	PET
Face Sheet	Mid-gloss paper	Mid-gloss paper	–	Clear PET
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	80 mm / 3 in	80 mm / 3 in	74 mm / 3 in	80 mm / 3 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	5000 pcs/reel	5000 pcs/reel 10000 pcs/box	15000 pcs/reel 15000 pcs/box	15000 pcs/reel
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

rfid.averydennison.com/contact  
North America: +1-866-903-7343 (toll free US)  
International: +1-678-617-2359

Connect with us on:



© 2021 Avery Dennison Corp. All rights reserved. 170 Monarch Lane, Miamisburg, OH 45342, USA Third party trademarks and/or trade names used herein are the property of their respective owner(s). Some of the trademarks appear for identification purposes only.

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

