

AD Web R6-P

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6-P

Antenna Dimensions

50 x 30 mm / 1.97 x 1.18 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics

Applications

Supply Chain Management
Home Essentials
Brand Protection

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Optimized size and shape for apparel applications

Our AD-Web inlays and tags are designed for the unique identification of items such as apparel and electronics. They are particularly suitable for item-level retail applications, offering high performance and best-in-class orientation sensitivity.

Web products are compact and ideally shaped for use as apparel hang tags, providing high read reliability with optimum performance, resulting in low fixed infrastructure and total applied costs. Retailers and brand owners can deploy these solutions globally for apparel, as they comply with current frequency regulations in the US (FCC), EU (ETSI) and Asia. Our Web inlays and tags can be easily converted into hangtags or care labels.

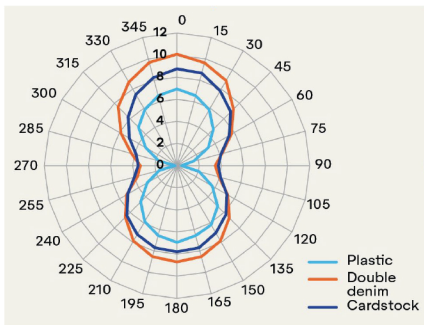
They are equipped with the Impinj Monza R6 and Monza R6-P chip that features an autotune function, which helps Web to work at peak efficiency, even in rapidly changing environments. Web inlays and tags with the Monza R6 chip offer unique TID and enable pre-serialized EPC. Inlays with Monza R6-P offer additional features such as 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.

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.

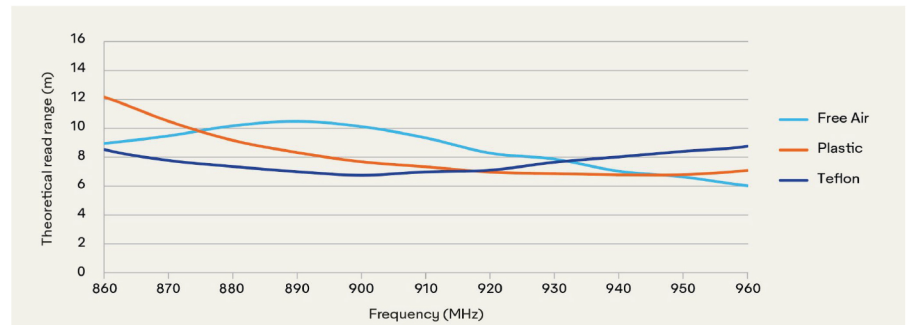
Technical features

| | | | |
|-----------------------|--------------------------------------|---------------------------------|---------------------------------|
| Chip | Impinj Monza R6-P | | |
| EPC and User Memory | 128-bit and 32-bit or | 96-bit and 64-bit | |
| TID Memory | 96-bit / 48-bit unique serial number | | |
| Product Code | 3006082 / IL-603011 | 3006083 / IL-603012 | 3006084 / IL-603013 |
| Delivery Format | Dry inlay | Wet inlay | Label / sticker |
| Die-Cut Dimension | – | 54 x 34 mm / 2.13 x 1.34 in | 54 x 34 mm / 2.13 x 1.34 in |
| Inlay Substrate | PET | PET | PET |
| Face Sheet | – | – | Mid-gloss paper |
| Standard Pitch | 40 mm / 1.575 in | 40 mm / 1.575 in | 40 mm / 1.575 in |
| Web Width | 60 mm / 2.4 in | 60 mm / 2.4 in | 60 mm / 2.4 in |
| Core Size | 76 mm / 3 in | 76 mm / 3 in | 76 mm / 3 in |
| Quantity / Reel | 10,000 pcs/reel 10,000 pcs/box | 8,000 pcs/reel 8,000 pcs/box | 3,000 pcs/reel 9,000 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.



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Warranty: Please refer to Avery Dennison standard terms and conditions:

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.

