

Miniweb R6 FCC

Overview

Frequency Band

UHF 860 - 960 MHz

Chip

Impinj Monza R6

Antenna Dimensions

42 x 16 mm / 1.65 x 0.63 in

International Standard

ISO 18000-63, EPC Class 1 Gen 2

Industry Segments

Apparel
Logistics
Healthcare

Applications

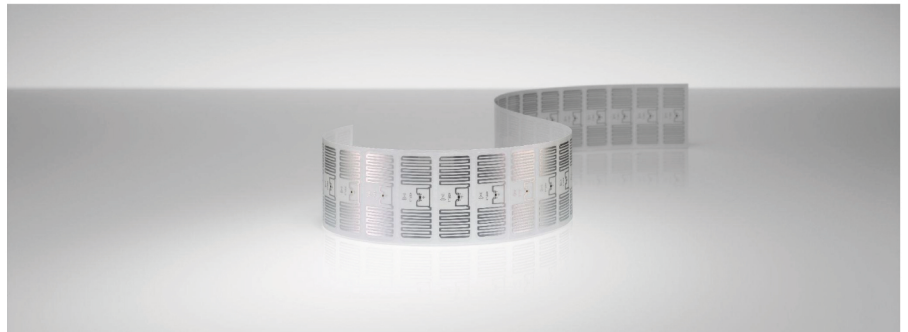
Supply Chain Management
Home Essentials
Inventory and Logistics

RoHS

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

REACH

Regulation (EC) No. 1907/2006



Ideal for small apparel labels

Our Miniweb inlays and tags are designed especially for apparel and supply-chain applications, and feature excellent performance and superior close coupling.

Miniweb inlays and tags have a compact 50 mm / 2 inch form factor, which can be easily converted into small-sized hangtags and other apparel labels, and are produced in dry, wet and label /sticker delivery formats. They are available with the Impinj Monza R6 chip and R6-P chips that come with an autotune feature, which helps the Miniweb product to work at peak efficiency, even in rapidly changing environments. Miniweb with the Monza R6 chip offers unique TID and enables 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.

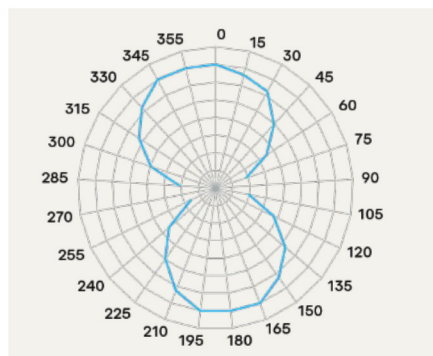
Miniweb is included on the approved inlay list for boxed electronics by the ARC (Auburn Radio Compliance Center). Miniweb FCC complies with categories A, B, D, G, M, Q. Furthermore, it meets GS1 Tagged-Item Performance Protocol (TIPP) Tagged-Item Gratings M10B, S15B and M15B, S15B for the retail supply chain, retailers and suppliers.

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.

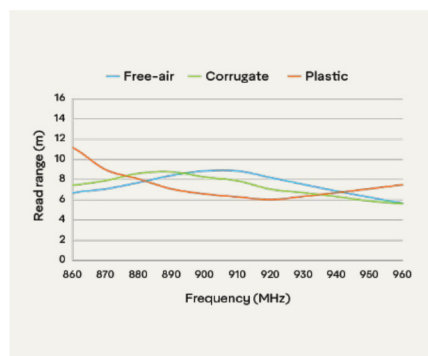
Technical features

Chip	Impinj Monza R6		
EPC and User Memory	96-bit		
TID Memory	96-bit / 48-bit unique serial number		
Product Code	3005229	3004859	3004855
Delivery Format	Wet inlay	Label / sticker	Dry inlay
Die-Cut Dimension	45 x 18 mm / 1.80 x 0.70 in	45 x 18 mm / 1.80 x 0.70 in	–
Inlay Substrate	PET	PET	PET
Face Sheet	Clear PET	Mid-gloss paper	-
Standard Pitch	20 mm / 0.787 in	20 mm / 0.787 in	20 mm / 0.787 in
Web Width	48 mm / 2 in	48 mm / 2 in	48 mm / 2 in
Core Size	76 mm / 3 in	76 mm / 3 in	76 mm / 3 in
Quantity / Reel	10,000 pcs/reel 30,000 pcs/reel	5,000 pcs/reel 10,000 pcs/box	15,000 pcs/reel 30,000 pcs/box
Operating Temperature	-40 °C to 85 °C / -40 °F to 185 °F		
Certificates	ARC		

Orientation sensitivity



FCC read range



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



© 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.

