



<b>Dimensions</b>	1.969 x 1.181 in [50 x 30mm]
<b>Operating Frequency</b>	Global (860 – 960 MHz)
<b>RF Protocol</b>	ISO-18000-6C, EPC Class 1, Gen 2
<b>Chip</b>	Imping Monza R6-P
<b>EPC Memory</b>	128/96 bits
<b>USER Memory</b>	32/64 bits
<b>TID Memory</b>	48-bit unique serialized TID number

**Common Applications**

Item Level Retail & Apparel  
Supply Chain, Inventory & Logistics  
Home Essentials

PART NUMBER	RF600928	RF600929	RF100414
Format	Dry Inlay	Wet Inlay	Paper Label
Antenna dimensions (CD x MD)	1.969 x 1.181 in [50 x 30mm]	1.969 x 1.181 in [50 x 30mm]	1.969 x 1.181 in [50 x 30mm]
Die-cut dimensions	N/A	2.126 x 1.339 in [54 x 34mm]	2.25 x 1.5 in [57.15 x 38.1mm]
Inlay substrate material	White PET	White PET	N/A
Inlay-to-liner adhesive	N/A	S-490 (FASSON)	S-490 (FASSON)
Liner material	N/A	1.5M Clear PET	40# SCK (FASSON)
Face Sheet	N/A	N/A	55# TT2C (FASSON) Bright White
Standard pitch	1.50 in [38.1mm]	1.50 in [38.1mm]	2.00 in [50.8mm]
Standard web width	2.126 in [54mm]	2.284 in [58mm]	2.409 in [61.19mm]
Total thickness over chip	9-10 mils (229-254 microns)	10-12 mils (254-305 microns)	11-14 mils (280-355 microns)
Operating temperature	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]
RoHS	EU Directive 2011/65/EU Compliant	EU Directive 2011/65/EU Compliant	EU Directive 2011/65/EU Compliant
Quality assurance	100% read tested with-of-tolerance inlay marked	100% read tested with-of-tolerance inlay marked	100% read tested with-of-tolerance inlay marked
Un-wind direction	Inlay-side Out	PS Inlay-side Out	Label-side Out
Core size with adaptor insert	3 in [76.2 mm]	3 in [76.2 mm]	3 in [76.2 mm]
Maximum roll outer diameter (not to exceed)	13 in [330.2 mm]	13 in [330.2 mm]	15.25 in [387.4 mm]
Average # of units per roll	15,000 good +/- 10%	10,000 good +/- 10%	2,300 good +/- 10%
Rev	00	00	01

**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.

**Warranty:** Please refer to Avery Dennison RFID standard terms and conditions.

**Product Information:** 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.

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