



RFID

UHF RFID Inlays
AD-810r6



Dimensions	16 mm Diameter
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO/IEC 18000-63 Type C
Chip	Impinj Monza R6
EPC Memory	96 bit
TID Memory	48-bit unique serialized TID number

Common Applications
Pharmaceutical & Healthcare
Beauty
Asset Tracking

PART NUMBER	RF600967	RF600968
Format	Dry Inlay	Wet Inlay
Antenna dimensions (CDxMD)	0.63 in Diameter (16 mm Diameter)	0.63 in Diameter (16 mm Diameter)
Die-cut dimensions	N/A	0.709 in Diameter (18 mm Diameter)
Inlay substrate material	Opaque PET	Opaque PET
Inlay-to-liner adhesive	N/A	S490 (Fasson ®)
Liner material	N/A	40# SCK
Face Sheet	N/A	N/A
Standard pitch	1.0 in (25.4 mm)	1.0 in (25.4 mm)
Standard web width	1.0 in (25.4 mm)	1.0 in (25.4 mm)
Total thickness over chip	9 -11 mils (229-279 microns)	11-13 mils (279-330 microns)
Operating temperature	-40 to 185F (-40 to 85C)	-40 to 185F (-40 to 85C)
RoHS	EU Directive 2011/65/EU Compliant and 2015/863 Compliant	EU Directive 2011/65/EU Compliant and 2015/863 Compliant
Quality assurance	100% read tested with out-of-tolerance inlay(s) being marked	100% read tested with out-of-tolerance inlay(s) being marked
Un-wind direction	Inlay-side Out	PS Inlay-side Out
Core size with adaptor insert	3 in (76.2 mm)	3 in (76.2mm)
Maximum roll outer diameter (not to exceed)	13 in (330.2mm)	13 in (330.2mm)
Average # of units per roll	12,500 good +/- 10%	15,000 +/- 10%
Rev	03	04

Additional Information

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. Independent results may vary. Avery Dennison does not represent that this product is fit for any particular purpose or use and shall have no liability arising out of the use of this product. (<http://rfid.averydennison.com/en/home/testing-services.html>)
Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.
--Not suitable for use in microwave ovens--

Warranty: Please refer to Avery Dennison RFID standard terms and conditions. <https://rfid.averydennison.com/en/home/general-terms-and-conditions-of-sale.html>

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