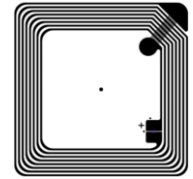




RFID

Type A NFC RFID Inlay

AD-709x



Dimensions 1.85 x 1.85 in [47 x 47 mm]
Operating Frequency 13.56 MHz
RF Protocol ISO-15693, 18000-3 Mode 1
Chip NXP ICODE SLIX
User Memory 896-bit EEPROM Read/Write

Common Applications

Library
 Print Media
 Documents & Files

Toll free US 866-903- RFID (7343) / rfid.info@averydennison.com
 International +1-770-965-0807

PART NUMBER	RF700037	RF700038	RF750016
Format	Dry Inlay	PS Inlay	Paper Label
Antenna dimensions (CDxMD)	1.85 x 1.85 in [47 x 47mm]	1.85 x 1.85 in [47 x 47mm]	1.85 x 1.85 in [47 x 47mm]
Die-cut dimensions	N/A	2 x 2 in [50 x 50 mm]	2 x 2 in [50 x 50 mm]
Inlay substrate material	PET	PET	PET
Inlay-to-liner adhesive	N/A	S490 (Fasson)	S490 (Fasson)
Liner material	N/A	40# SCK	40# SCK
Face Sheet	N/A	N/A	47.8# TT 1C (Fasson)
Standard pitch	2.125 in (54 mm)	2.125 in (54 mm)	2.125 in (54 mm)
Standard web width	2.125 in (54 mm)	2.125 in (54 mm)	2.125 in (54 mm)
Total thickness over chip	8.7 – 10.7 mils (221 – 272 μm)	11.9 – 13.9 mils (302- 353 μm)	15.1 – 17.1 mils (384 – 434 μm)
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 out-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	Inlay-side Out	Inlay-side Out
Core size with adaptor insert	3 in (76.2 mm)	3 in (76.2mm)	3 in (76.2 mm)
Maximum roll outer diameter (not to exceed)	13 in (330.2 mm)	13 in (330.2 mm)	7.48 in (190 mm)
Average # of units per roll	5,000	5,000	1,500 verified
Rev	01	01	00

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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