



**Dimensions** 1.221 x 0.551 in [31 x 14 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

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PART NUMBER	RF700047	RF700048
Format	Dry Inlay	Wet Inlay
Antenna dimensions (CDxMD)	1.221 x 0.551 in [31 x 14 mm]	1.221 x 0.551 in [31 x 14 mm]
Die-cut dimensions	N/A	1.417 x 0.709 in [36 x 18 mm]
Inlay substrate material	Clear PET	Clear PET
Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	40# SCK
Face Sheet	N/A	N/A
Standard pitch	1 in [25.4 mm]	1 in [25.4 mm]
Standard web width	1.875 in [47.63 mm]	1.875 in [47.63 mm]
Total thickness over chip	8.7 – 10.7 mils (221 - 272 microns)	11.9 – 13.9 mils (302 - 353 microns)
Operating temperature	-40 to 185F (-40 to 85C)	-40 to 185F (-40 to 85C)
RoHS	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
Un-wind direction	Inlay-side Out	PS Inlay-side Out
Core size with adaptor insert	3 in (76.2mm)	3 in (76.2mm)
Maximum roll outer diameter (not to exceed)	13 in (330.2mm)	13 in (330.2mm)
Average # of units per roll	7,500 good +/- 10%	7,500 good +/- 10%
Rev	01	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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