

NFC Inlays

# AD-714mC



**Dimensions:** 1.77 x 3 in [45 x 76.2 mm]

**Operating Frequency:** 13.56MHz

**RF Protocol:** ISO-14443 Type A

**Chip:** NXP MIFARE Classic 1k

**EPC Memory**

**TID Memory**

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**Characteristics:**

**Common Applications**

- NFC Near Field Communications

	700052	700053
Part Title	700052	700053
Antenna dimensions (CDxMD)	1.77 x 3 in [45 x 76.2 mm]	1.77 x 3 in [45 x 76.2 mm]
Die- cut dimensions	N/ A	1.929 x 3.189 in [49 x 81 mm]
Inlay substrate material	PET	PET
Inlay- to- liner adhesive	N/ A	S-490 (Fasson)
Liner material	N/ A	40# SCK (Fasson)
Face sheet	N/ A	N/ A
Standard pitch	3.375 in [85.73 mm]	3.38 in [85.73 mm]
Standard web width	2.125 in [54 mm]	2.125 in [54 mm]
Total thickness over chip	160-175um	PS: 165-180um Label: 325-350um
Operating temperature	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]
RoHS	EU Directive 2002/95/ EC Compliant	EU Directive 2002/95/ EC Compliant
Quality assurance	100% read tested with out- of- tolerance inlay marked	100% read tested with out- of- tolerance inlay marked
Un- wind direction	Inlay- side Out	Inlay- side Out
Core size with adaptor insert	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]
Average # of units per roll	5000	2500
Rev	00	00

**CARE AND HANDLING** RFID inlays are sensitive to ESD. Observe standard practices to keep environmental 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. 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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