



Dimensions 1.50 x 0.89 in [38 x 22.5 mm]

Operating Frequency 13.56 MHz RF Protocol ISO-14443A

Chip NXP Ultralight EV1

User Memory 384 bits **UID/Serial Number** 7 byte

Common Applications

NFC Applications

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international +1 170 303 0	001		
PART NUMBER	RF700071	RF700072	RF750028
Format	Dry Inlay	Pressure Sensitive Inlay	Label
Antenna dimensions (CDxMD)	1.50 x 0.89 in [38 x 22.5 mm]	1.50 x 0.89 in [38 x 22.5 mm]	1.50 x 0.89 in [38 x 22.5 mm
Die-cut dimensions	N/A	1.65 x 1.04 in [42 x 26.5 mm]	1.65 x 1.04 in [42 x 26.5 mm
Inlay substrate material	PET	PET	PET
Inlay-to-liner adhesive	N/A	General purpose permanent hot melt	General purpose permanent hot melt
Liner material	N/A	65 g Paper Liner	65 g Paper Liner
Face Sheet	N/A	N/A	80 g Paper
Standard pitch	1.15 in (29.17 mm)	1.15 in (29.17 mm)	1.15 in (29.17 mm)
Standard web width	2.36 in (60 mm)	2.36 in (60 mm)	2.36 in (60 mm)
Total thickness over chip	Nominal 200 um	Nominal 290 um	Nominal 360 um
Operating temperature	-40° to 158 °F (-40° to 70 °C)	-4º to 122 ºF (-20º to 50 ºC)	-4º to 122 ºF (-20º to 50 ºC)
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	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)	12.6 in (320 mm)	7.48 in (190 mm)	7.48 in (190 mm)
Average # of units per roll	15,000 verified	4,000 verified	2,000 verified
Rev	00	00	00

Avery Dennison is pleased to introduce **AD-740**, an **NFC RFID** inlay optimized for a growing number of RFID tagging applications requiring close range (near field) communication.

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.

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