



<b>Dimensions</b>	0.87 x 0.49 in (22 x 12.5 mm)	<b>Common Applications</b>	
<b>Operating Frequency</b>	Global (860 – 960 MHz)	Apparel and Retail	
<b>RF Protocol</b>	ISO-18000-6C, EPC Class 1, Gen 2	Jewelry	
<b>Chip</b>	NXP UCODE 7	Pharmaceutical and Healthcare	
<b>EPC Memory</b>	128 bit		
<b>TID Memory</b>	96 bit, pre-encoded for multi-vendor Chip (MCS) based serialization		

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PART NUMBER	600482	RF600526	RF100323
Format	Dry Inlay	Wet Inlay	SmartFace Label
Antenna dimensions (CDxMD)	0.87 x 0.49 in (22 x 12.5mm)	0.87 x 0.49 in (22 x 12.5mm)	0.87 x 0.49 in (22 x 12.5mm)
Die-cut dimensions	N/A	0.945 x 0.61 in (24 x 15.5mm)	1.25 x 0.61 in (31.75 x 15.5mm)
Inlay substrate material	PET	PET	5pt Paper
Inlay-to-liner adhesive	N/A	S-490 (FASSON)	General Purpose Perm
Liner material	N/A	1.5 M Clear PET	40# SCK
Face Sheet	N/A	N/A	N/A
Standard pitch	0.75 in (19.05 mm)	0.75 (19.05 mm)	1.5 in (38.1 mm)
Standard web width	1.45 in (36.83mm)	1.45 in (36.83mm)	1.45 in (36.83 mm)
Total thickness over chip	10-13 mils (254-331 microns)	14-17 mils (356-432 microns)	15-18 mils (399-450 microns)
Operating temperature	-40 to 185F (-40 to 85C)	-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	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 (76.2mm) w/ foam on core	3 in (76.2mm)	3 in (76.2mm)
Maximum roll outer diameter (not to exceed)	13 in (330.2mm)	13 in (330.2mm)	8.5 in (215.9mm)
Average # of units per roll	15,000 good +/- 10%	13,000 good +/- 10%	4,000 good +/- 10%
Rev	00	01	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.

**Product changes:** Avery Dennison reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.

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