



RFID

UHF RFID Inlays

AD-226iM



Dimensions	95 x 8.15 mm
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO-18000-6C, EPC Class 1, Gen 2
Chip	NXP G2iM
EPC Memory	256 bit
USER Memory	512 bit
TID Memory	96 bit [includes perma-locked unique 48 bit serial number; 16 bit unalterable XTID header]

Common Applications

Apparel and Retail
 General Purpose [extended memory requirements]
 Supply Chain, Inventory & Logistics

PART NUMBER	600483	600456
Format	Dry Inlay	Wet Inlay
Antenna dimensions (CDxMD)	3.74 x 0.32 in (95 x 8.15 mm)	3.74 x 0.32 in (95 x 8.15 mm)
Die-cut dimensions	N/A	3.885 x 0.44 in (98.7 x 11.2 mm)
Inlay substrate material	PET	PET
Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	1.5mil Clear PET
Face Sheet	N/A	N/A
Standard pitch	0.625 in (15.875 mm)	0.625 in (15.875 mm)
Standard web width	3.875 in (98.43 mm)	4.125 in (104.78 mm)
Total thickness over chip	10 - 13 mils (254-330.2 microns)	14-17 mils (356-431.8 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	Inlay-side Out
Core size with adaptor insert	6 in (152.4 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	20,000 good +/- 10%	20,000 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.

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