AVERY DENNISON | RFID

UHF RFID Inlays

AD-662uDNA

Dimensions	90 x 19 mm
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO-18000-6C, EPC Class 1, Gen 2
Chip	NXP UCODE DNA
EPC Memory	224 bit
TID Memory	48-bit unique serialized TID number
USER Memory	3072 bit

Common Applications
Glass & Automobile Tracking
Race Timing
Miscellaneous Applications

PART NUMBER	N/A	RF600870
Format	Dry Inlay	Pressure Sensitive Inlay
Antenna dimensions (CDxMD)	3.543 x 0.748 in (90 x 19 mm)	3.543 x 0.748 in (90 x 19 mm)
Die-cut dimensions	N/A	3.67 x 0.87 in (93.175 x 22.175 mm)
Inlay substrate material	White PET	White PET
Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	1.5M Clear PET
Face Sheet	N/A	N/A
Standard pitch	1.25 in (31.8 mm)	1.25 in (31.8 mm)
Standard web width	3.875 in (98.4 mm)	3.875 in (98.4 mm)
Total thickness over chip	10-12 mils (254-305 microns)	11-14 mils (279-356 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	3 in (76.2 mm)	3 in (76.2mm)
Maximum roll outer diameter (not to exceed)	17 in (431.8 mm)	13 in (330.2mm)
Average # of units per roll	20,000 good +/- 10%	10,000 good +/- 10%
Rev	00	00

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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