



RFID

UHF RFID Inlays
AD-806u7



Dimensions 0.63 x 0.63 in (16 x 16 mm)
Operating Frequency Global (860 – 960 MHz)
RF Protocol ISO-18000-6C, EPC Class 1, Gen 2
Chip NXP UCODE 7
EPC Memory 128 bit
TID Memory 96 bit, pre-encoded for multi-vendor chip (MCS) based serialization

Common Applications
 Pharmaceutical and Healthcare
 Supply Chain, Inventory and Logistics

PART NUMBER	600542	600560
Format	Dry Inlay	Pressure Sensitive Inlay
Antenna dimensions (CDxMD)	0.63 x 0.63 in (16 x 16 mm)	0.63 x 0.63 in (16 x 16 mm)
Die-cut dimensions	N/A	0.755 x 0.755 in (19.18 x 19.18 mm)
Inlay substrate material	PET	N/A
Inlay-to-liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	1.5 mm Clear PET
Face Sheet	N/A	N/A
Standard pitch	1.0 in (25.4 mm)	1.0 in (25.4 mm)
Standard web width	1.25 in (31.75 mm)	1.25 in (31.75 mm)
Total thickness over chip	10-13 mils (254-330.2 microns)	10-13 mils (254-330.2 microns)
Operating temperature	-40° to 185 °F (-40° to 85 °C)	-40° to 185 °F (-40° to 85 °C)
RoHS	EU Directive 2011/65/EU Compliant	EU Directive 2011/65/EU 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	20,000 verified	15,000 verified
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.

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

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