

UHF RFID Inlays

AD-160u7



Dimensions:

Operating Frequency: Global (860 - 960MHz)

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, factory programmed

Common Applications:

- Apparel and Retail
- Cosmetic

866-903- RFID (7343) / rfid.info@averydennison.com

Part Number	600481	100286
Format	Dry Inlay [4- up]	Label
Antenna dimensions (CDxMD)	2.36 x 0.158 in [60 x 4mm]	2.36 x 0.158 in [60 x 4mm]
Die- cut dimensions	N/A	2.52 X 0.236 in [64 X 6mm]
Inlay substrate material	PET	PET
Inlay- to- liner adhesive	N/A	S-490 (FASSON)
Liner material	N/A	40# SCK
Face sheet	N/A	White Bopp
Standard pitch	1.0 in [25.4mm]	1.0 in [25.4mm]
Standard web width	13.5 in [342.9mm]	2.77 in [70.35mm]
Total thickness over chip	7 - 8 mils [177.8 - 203.2 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	Label side out
Core size with adaptor insert	6 in [152.4mm]	3 in [76.2mm]
Maximum roll outer diameter (not to exceed)	17 in [431.8mm]	12 in [304.8mm]
Average # of units per roll	TBD	TBD
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.

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