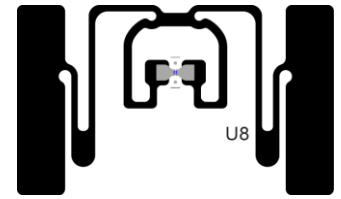




RFID

UHF RFID Inlays

AD-385u8

Dimensions	50 x 30 mm
Operating Frequency	Global (860 – 960 MHz)
RF Protocol	ISO-18000-6C, EPC Class 1, Gen 2
Chip	NXP UCODE 8
EPC Memory	128 bit
TID Memory	96-bit Tag Identifier (TID) factory locked 48-bit unique serial number factory-encoded into TID

Common Applications

Item Level Retail & Apparel
Supply Chain, Inventory & Logistics
Home Essentials

Toll free US 866-903- RFID (7343) / rfid.info@averydennison.com
International +1-770-965-0807

PART NUMBER	RF601086	RF601087	RF100465
Format	Dry Inlay	Wet Inlay	Paper Label
Antenna dimensions (CD x MD)	1.969 x 1.181 in [50 x 30mm]	1.969 x 1.181 in [50 x 30mm]	1.969 x 1.181 in [50 x 30mm]
Die-cut dimensions	N/A	2.126 x 1.339 in [54 x 34mm]	2.126 x 1.339 in [54 x 34mm]
Inlay substrate material	White PET	White PET	38um Paper
Inlay-to-liner adhesive	N/A	S-490 (FASSON®)	S-490 (FASSON®)
Liner material	N/A	1.5M Clear PET	40# SCK
Face Sheet	N/A	N/A	TT2C (FASSON®) Bright White
Standard pitch	1.50 in [38.1mm]	1.50 in [38.1mm]	2.0 in [50.8mm]
Standard web width	2.126 in [54mm]	2.284 in [58mm]	2.284 in [58mm]
Total thickness over chip	9-10 mils (229-254 microns)	10-12 mils (254-305 microns)	11-14 mils (280-355 microns)
Operating temperature	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]	-40 to 185 F [-40 to 85 C]
RoHS	EU Directive 2015/863 Compliant	EU Directive 2015/863 Compliant	EU Directive 2015/863 Compliant
Quality assurance	100% read tested with out of tolerance inlay(s) being marked	100% read tested with out of tolerance inlay(s) being marked	100% read tested with out of tolerance inlay(s) being marked
Un-wind direction	Inlay-side Out	PS Inlay-side Out	Label-side Out
Core size with adaptor insert	3 in [76.2 mm]	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]	8 in [203.2 mm]
Average # of units per roll	15,000 good +/- 10%	10,000 good +/- 10%	2,610 good +/- 10%
Rev	00	00	03

Care and handling: RFID inlays are sensitive to ESD. Use 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 available at:
<http://rbis.averydennison.com/en/home/general-terms-and-conditions-of-sale.html>.

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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