



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RFID

UHF RFID Inlays AD-180u7



Dimensions	1.024 in (26 mm) Diameter
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
Apparel and Retail
Cosmetic

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

PART NUMBER	100311
Format	SmartFace Label (pressure sensitive)
Antenna dimensions (CDxMD)	1.024 in (26 mm) Diameter
Die-cut dimensions	1.152 in (29.25 mm) Diameter
Inlay substrate material	5 pt Integrity
Inlay-to-liner adhesive	S-490 (FASSON)
Liner material	40# SCK
Face Sheet	N/A
Standard pitch	2.0 in (50.8 mm)
Standard web width	1.402 in (35.6 mm)
Total thickness over chip	10-13 mils (254-330.2 microns)
Operating temperature	-40° to 185 °F (-40° to 85 °C)
RoHS	EU Directive 2011/65/EU Compliant
Quality assurance	100 % read tested with out-of-tolerance inlay marked
Un-wind direction	Inlay-side Out
Core size with adaptor insert	3 in (76.2 mm)
Maximum roll outer diameter (not to exceed)	15.25 in (387.35 mm)
Average # of units per roll	6,000
Rev	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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