AD-431

RF Features

Protocol

Memory

Mode of operation

Un-wind direction

(not to exceed)

and Humidity RoHS

Protocol and Memory

Optimized frequency range

Inlay Roll Format/Finishing

Core size with adaptor insert

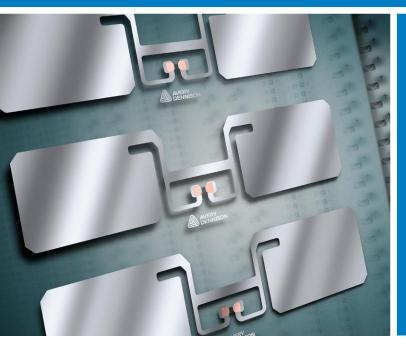
Maximum roll outer diameter

Environmental Specifications

Recommended Storage Temperature

Operating temperature





Global (860-960MHz)

Passive (battery free)

ISO/IEC 18000-6C EPCglobal C1G2 96 bit EPC Number

INLAY-SIDE OUT

13 in [330 mm]

-40°F to +149°F

-40°C to +65°C

72°F [22.2°C] at 50%RH

EU Directive 2002/95/EC comp

3 in [76.2 mm] PN# 600157

6 in [152 mm] PN# 600156



AD-431 RFID Inlays

- Provides improved performance across a wide variety of carton contents
- Designed for high performance in high-volume corrugated box labeling applications
- Available in high-yield/high capacity rolls which integrate seamlessly into high-volume converting processes



Dry Inlay Specifications	Part Number 60015
Antenna dimensions (CD x MD)	3.764 in x 0.919 in [95.6 mm] x [23.35 mm]
Standard pitch	1.25 in [31.75 mm]
Standard web width	4.75 in [120.65 mm]
Inlay substrate material	Heat-treated PET
Thickness over chip (typical)	11 mils [279 microns]
Shelf life	2 years when stored at 72°F at 50%RH
Quality assurance	100% read tested with out-of-tolerance inlay marked
Avg units per roll	7,500
	1,500
Pressure-Sensitive Inlay Specifications	Part Number 60015
	,
Pressure-Sensitive Inlay Specifications	Part Number 60015 3.889 in x 1.125 in
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD)	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm]
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm]
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch Standard web width	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm] 4.125 in [104.78 mm]
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch Standard web width Inlay-to-liner adhesive	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm] 4.125 in [104.78 mm] S490 (Fasson®)
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch Standard web width Inlay-to-liner adhesive Liner material	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm] 4.125 in [104.78 mm] S490 (Fasson®) 40# SCK (Fasson®)
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch Standard web width Inlay-to-liner adhesive Liner material Total thickness over chip (typical)	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm] 4.125 in [104.78 mm] S490 (Fasson®) 40# SCK (Fasson®) 14 mils [356 microns] 1 year when stored at 72°F
Pressure-Sensitive Inlay Specifications Die-cut dimensions (CD x MD) Standard pitch Standard web width Inlay-to-liner adhesive Liner material Total thickness over chip (typical) Shelf life	Part Number 60015 3.889 in x 1.125 in [98.78 mm x 28.58 mm] 1.250 in [31.75 mm] 4.125 in [104.78 mm] S490 (Fasson®) 40# SCK (Fasson®) 14 mils [356 microns] 1 year when stored at 72°F at 50% RH

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 of discontinue product offerings at any time without notice.

TRADEMARK STATEMENT Avery Dennison, S490 and Fasson® are trademarks of Avery Dennison Corporation.

For the most recent information on Avery Dennison products, visit www.rfid.averydennison.com.

Avery Dennison RFID North America

866 903 RFID (7343) Mexico +55 5093 0100 Europe +352 50 46 50 1 Asia Pacific +852 9163 1313 rfid.info@averydennison.com www.rfid.averydennison.com