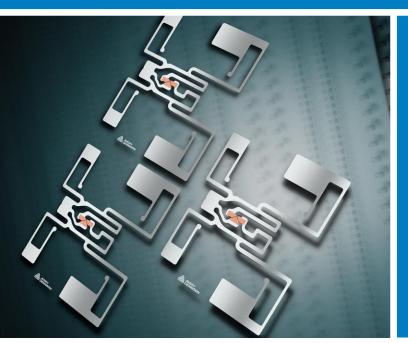
AD-631







AD-631 RFID Inlays

- Orientation insensitive design improves tag visibility in randomly oriented asset and pallet tracking applications
- Provides longer read range yielding greater readability rates
- Designed to fit into a 3 x 3 label
- Available in high yield/high quality rolls which integrate seamlessly into high volume converting processes



RF Features		Dry Inlay S
Optimized frequency range	Global (860-960MHz)	Antenna dim
Mode of operation	Passive (battery free)	
		Standard pit
Protocol and Memory		Standard we
Protocol	ISO/IEC 18000-6C	
	EPCglobal C1G2	Inlay substra
EPC memory allocation	96 bit EPC number	Thickness o
		Shelf life
Inlay Roll Format/Finishing		
Un-wind direction		Quality assu
		Avg units pe
	INLAY-SIDE OUT	
		Pressure-S
Core size with adaptor insert	6 in [152 mm]	Die-cut dim
Maximum roll outer diameter (not to exceed)	13 in [330 mm]	
		Standard pi

Environmental Specifications	
Operating temperature	-40°F to +149°F -40°C to +65°C
Recommended storage temperature and humidity	72°F [22.2°C] at 50%RH
RoHS	Designed to comply with EU Directive 2002/95/EC

Specifications Part Number 600173 mensions (CD x MD) 1.968 in x 2.736 in [50 mm] x [69.5 mm] bitch 3.0 in [76.2 mm] veb width 3.0 in [76.2 mm] rate material Heat-treated PET 11.29 mils [287 microns] over chip (typical) 2 years when stored at 72°F at 50%RH urance 100% read tested with out-of-tolerance inlay marked 4,000 er roll

Pressure-Sensitive Inlay Specifications	Part Number 600174
Die-cut dimensions (CD x MD)	2.094 in x 2.861 in
	[53.18 mm] x [72.68 mm]
Standard pitch	2.344 in [59.53 mm]
Standard web width	2.344 in [59.53 mm]
Inlay-to-liner adhesive	S490 (Fasson®)
Liner material	40# SCK (Fasson®)
Total thickness over chip (typical)	13.79 mils [350 microns]
Shelf life	1 year when stored at 72°F at 50% RH
Quality assurance	100% edit and replace
Avg units per roll	4,000

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

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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