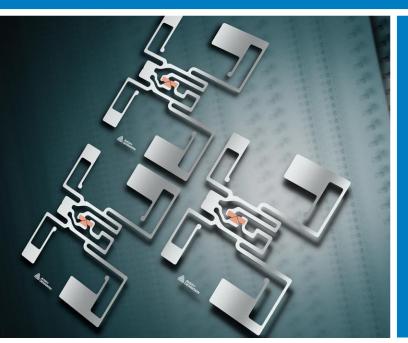
AD-631







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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