

Lowry Labeling's Smart Trac™ Labels

RFID Labels for Cartons and Pallets

Lowry Labeling, a division of Lowry Computer Products, is positioned at the forefront of radio frequency identification (RFID) labeling technology based on years of experience in the label conversion process, and investment in the best technology for manufacturing high quality RFID labels. Lowry understands the dynamics of integrating RFID technology into the label conversion process, and the resulting benefits to the supply chain community.

Lowry Quality Commitment

Lowry is committed to shipping RFID products that are 100% tested good at the time of shipment. Lowry replaces any returned labels that are confirmed to be non-functioning. Lowry's quality commitment also extends to advising customers of the appropriate handling and storage of label products as well as the configuration and maintenance of RFID printers to maximize label yield during the print and encode process.

Full Range of Inlays and Materials

Lowry works closely with recognized RFID inlay suppliers to continually test and benchmark inlay quality, leading to improved supplier yields and a lower total product cost. Lowry converts labels with any inlay in the market, including but not limited to Alien Technologies, Avery Dennison, Impinj, Omron, Precisia, Rafsec, Symbol Technologies and Texas Instruments.

Whether an application requires an off-the-shelf product or a custom solution, Lowry helps in selecting the right product for any application. Our label experts assist with selecting the right inlay, label material and ribbon to meet the most stringent labeling requirements and deliver the optimum RFID performance.

State-of-the-Art Label Conversion

All Smart Trac labels are manufactured in a specially built RFID facility that continually monitors the environment to maintain climate and static levels. All inlays arrive at Lowry's facility manufacturer-tested. Labels are built using a state-of-the-art transponder insertion system. During the insertion process all inlays are tested again.

Any label with an inlay that is determined inactive, either through supplier or Lowry testing, is replaced with a 100% tested good, active label. Immediately following the production process, labels are packaged in anti-static bags to assure safe delivery to the customer.










Discover Lowry's Total RFID Solution

- System experts to advise on RFID printer and reader equipment
- Software specialists to identify software package and custom programming requirements
- Label engineers to match label material with appropriate ribbon to meet label and image durability requirements
- RFID Center to perform testing and select the best inlay and placement for optimal read performance
- Total Lowry Care (TLC) maintenance program to protect your investment

Labels Quick Custom Printing Service Bureau

For those companies that need encoded/printed labels to meet supplier and industry mandates, Lowry encodes and prints the labels. Lowry is able to encode and print stock, custom or Smart Trac labels using the newest RFID thermal transfer printing technology. With this technology, Lowry has the expertise to verify and ensure that labels comply with any application standard.

Antenna	Manufacturer Inlay Number	EPC Protocol, EPC Memory
	Alien ALL-9340 (Squiggle 2.1)	EPC Class 1 Gen 1, 96-Bit
	Alien ALL-9440 (Squiggle 2.2)	EPC Class 1 Gen 2, 96-Bit
	Avery Dennison AD-210	EPC Class 1 Gen 1, 96-Bit
	Avery Dennison AD-220	EPC Class 1 Gen 2, 96-Bit
	Rafsec Short Dipole 3-000-478 (Copper) 3-000-657 (Aluminum)	EPC Class 1 Gen 1, 96-Bit
	Rafsec Short Dipole 3-000-707	EPC Class 1 Gen 2, 96-Bit
	Texas Instruments RI-UHF-00C02-03	EPC Class 1 Gen 2, 96-Bit

All of the above inlays are manufactured in standard label sizes four inches by two to six inches.

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