



ROLLPRINT
ROLLPRINT PACKAGING PRODUCTS, INC.

As a worldwide supplier of flexible packaging materials for the healthcare and food industries, Rollprint Packaging Products, Inc. prides itself in its multidiscipline approach to sustainable manufacturing.

Rollprint is committed to developing solutions which address environmental concerns while simultaneously meeting its customers' demanding packaging performance standards. In addition to establishing an internal team to drive future efforts, the company already has ongoing initiatives in the following areas:

Downgauging materials. Rollprint's leading-edge technology enables the creation of high-performance structures which achieve performance benefits with less material. The company's proprietary manufacturing techniques enable the replacement of complex structures with fewer layers, using less resin.

Solvent-free structures. Whenever possible, Rollprint employs its proprietary solvent-free technology to create high performance solutions. This can result in material usage reductions of up to 20% compared to conventionally-laminated structures.

Lean manufacturing. The company continuously reviews its production practices to make sure that lean manufacturing principals are in place. Frequently, improvements in efficiency, labor, production rates, etc., impact positively on sustainability initiatives—most notably waste reduction. For example, the revamping of Rollprint's job set-up process has yielded a 14% material reduction.

Pre-consumer waste recycling. Because current regulations do not allow the use of recycled materials for the majority of medical/food applications Rollprint serves, the company has segregated its waste into multiple recycling streams. It has dedicated a section of its warehouse as a staging area so that materials can be separated into the following: polymeric films, aluminum foil, comingled plastic with foil, corrugated, paper, spent solvents, "household" waste (water bottles, aluminum cans, etc.)

In turn, the recyclers sell these components to other companies who produce a broad variety of products from the repurposed material. Further, the company has established stringent goals for the amount of material it recycles vs. landfills.

Pollution. To convert its solvent emissions to environmentally neutral compounds, the company replaced its catalytic afterburners with thermal oxidizers. This resulted in a 60% reduction in fuel (natural gas) usage because regenerative thermal oxidizers are self sustaining once certain conditions are met.

Lighting. Rollprint recently converted all of its facility lighting from fluorescent to a higher-efficiency alternative. The end result was a 31% improvement in energy efficiency and a 76% decrease in bulb usage (which also positively impacted disposal costs).

Employee practices. The company continually reinforces positive environmental practices to its employees. Receptacles are located throughout the facility to collect personal use items such as aluminum cans and water bottles. Employees are also encouraged to contribute sustainability-enhancing ideas on all facets of production and logistics.