Sealed Air

Sustainable Solutions

Protective Packaging Products and Services

Sealed Air Sustainability

Sealed Air has been a leader in protective packaging for over 50 years. Our success is a direct result of our ability to balance our capabilities with customers' packaging needs and environmental responsibility. We constantly strive to improve the environmental profile of our products, without compromising their performance.

Sustainable Packaging Starts at the Source

Intelligent package design helps reduce the volume of our waste stream. In 2009, the efforts of our 35 global Packaging Design and Development Centers eliminated two million pounds of packaging, while maximizing cost effectiveness and product protection. Less material means smaller packages, reducing the number of truckloads required to ship and the associated transportation impact.

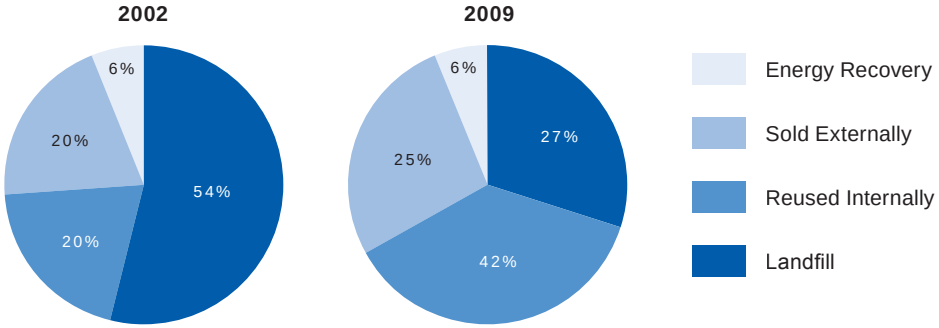
In addition to reduced packaging cube size, a majority of the products we now provide expand on-site at time of use, reducing warehouse space requirements and associated energy resources. Our goal is to provide more efficient solutions for our customers with the lowest possible environmental impact.

A Continuing Commitment

Sealed Air is committed to continually reducing our environmental impact. Through the application of total life-cycle analyses of our products, we get a better understanding of both long and short-term benefits, and how and where to best improve.

Our active yield programs have reduced waste of plastic scrap sent to landfills by more than 50% over the past seven years. By focusing on environmental efficiency, we are helping our customers meet the challenges of today's world.

Plastic Scrap Utilization*



Survey results from the period 2000–2009. Visit www.sealedair.com/citizenship for more information.

Sealed Air is committed to providing solutions to our customers' environmental challenges in a reliable, cost-effective and responsible manner. Below is a summary of key product benefits.

Instapak® Foam

Instapak® foam requires less cushioning material in each pack, reducing package size and weight. By expanding on-site as much as 200 times, it reduces the number of trucks needed for distribution. Material can also be returned to any Sealed Air location. In those communities where municipal Waste-To-Energy (WTE) incineration facilities are available, Instapak® provides a positive waste-to-combustion contribution.

Inflatable Cushioning

By inflating on-site, inflatable cushioning frees up valuable warehouse space and decreases transportation costs. High-efficiency, performance cushioning material reduces damage. Film strength and superior air retention promote reusability.

Inflatable Void Fill

Fill-Air® Inflatable void fill products expand on-site. A cubic foot of inflated cells, when deflated, will lose 99.3% of its volume. The deflated cells can be sent to any of a number of Sealed Air locations where they will be recycled back into LDPE.

Air Cellular Cushioning

Our high-performance Bubble Wrap® Brand air cellular material is manufactured with a Barrier Bubble® layer that retains air and maintains its cushioning performance. This makes it highly reusable, greatly reducing the amount of packaging material that enters the waste stream. All standard grade Bubble Wrap® Brand cushioning contains a minimum of 15% pre-consumer recycled content.

Mailers

Jiffy Mailer® products eliminate the use of bulky corrugated containers when shipping low-profile items. Many are produced from post-consumer recycled fibers and can be easily recycled in common "mixed paper" recycling streams.

Paper Packaging

TigerPad® paper cushioning can be recycled with mixed paper. TigerFill® material is made from 100% recycled paper, and the lofted, crimped design minimizes waste by reducing the amount of packaging material needed to provide superior protection. The fiber is 100% renewable, and all production scrap is reclaimed.

Suspension/Retention Packaging

Korrvu® packaging is shipped flat and assembled on-site, as needed. The high-performance design can easily be reused and is made from renewable cellulose pap fibers. It is easily recycled with common corrugated boxes.

Cell-Aire® Foam

Cell-Aire® polyethylene foam provides superior protection, allowing for fewer wraps or for the use of thinner material. Cell-Aire® is made of recyclable, low-density polyethylene that generates a clean, high-energy material for conversion into energy.

A Tradition of Sustainable Innovation

Sealed Air has always recognized the importance of our complex relationship to the environment. Our history of product and process innovation reflects this long-term commitment.

Our focus on product and process innovation centers around four benchmarks

Production and Manufacturing

Sealed Air's World Class Manufacturing practices include comprehensive environmental programs to reduce waste quantities, energy usage, water usage, and emissions. We are committed to reducing our environmental footprint by cutting Green House Gas (GHG) emissions, pursuing renewable energy sources and increasing our active yield. We also empower each employee to make a difference with office recycling and energy conservation programs.

Application and Performance

Our products make an immediate positive impact on both the environment and our customers' bottom lines through superior performance and reduction of material usage. Efficient design requires less packaging material to be used, reducing waste material, cube size and the associated fuel costs for transport. The product arrives in one piece, eliminating the need to repackage and ship costly returns.

Distribution and Transportation

The majority of our materials expand or inflate on-site, greatly reducing the amount of energy used to transport them. For example, one trailer load of Instapak® Instafill® void fill foam produces the equivalent of 31 trailer loads of styrene peanuts.

Recovery and Disposal

Many of our materials, such as TigerPad® paper, Korrvu® packaging or Jiffy® padded mailers, can be recycled curbside. Other materials, such as Bubble Wrap® cushioning, Fill-Air® packaging or Instapak® foam, can be returned to Sealed Air locations. If disposed, products like Fill-Air® packaging deflate and lose 99.3% of their volume. Our products also provide an excellent source of energy in Waste-To-Energy programs.

Your local sales rep can work with you to find the right packaging for your application. Call us at 800-568-6636 or visit us at www.sealedairprotects.com.

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