



Sustainability in Packaging

Rohrer's commitment to providing sustainable solutions through responsible manufacturing and innovation

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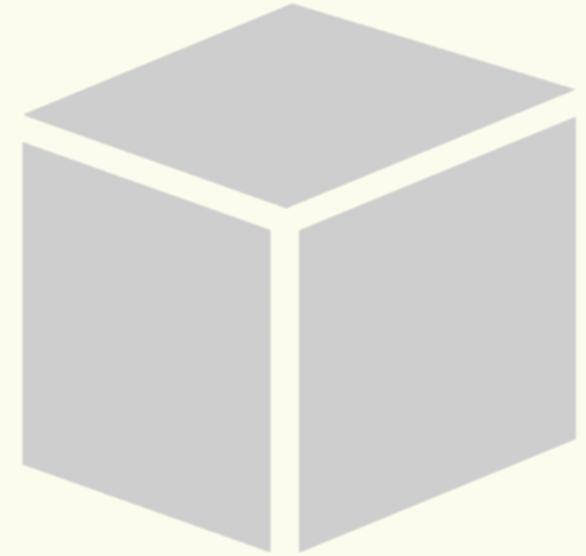
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Rohrer Overview

Rohrer believes TRUE PARTNERS make the perfect package. Our award-winning team uses state-of-the-art technologies to design and manufacture efficient and innovative retail packaging solutions.

Our partners enjoy industry-leading speed, quality and value through our ezCombo™ program, and beautiful design and inventive solutions in our custom packaging programs.

Rohrer's packaging solutions help build brands and bottom lines.



Environmental Statement

Together with our TRUE PARTNERS, we commit to reducing our carbon footprint and improving our impact on the environment at every stage of the manufacturing process.

Rohrer will continue expanding our efforts towards:

- Advancing our sustainable packaging solutions we offer to our partners — from raw materials to structure and design
- Continuously improving our manufacturing processes to decrease waste and energy consumption
- Selecting vendors who share our values and uphold the same commitments to the environment



Single-Use Packaging

Partnership, Design, and
Manufacturing

Circular Economy

Rohrer's commitment to the future includes implementing these strategies by 2025:

- **We will provide recommendations for sustainable solutions on every packaging quote and proposal**
- **We will provide design recommendations to help our partners achieve sustainability goals**
- **We will digitize our workflows including:**
 - Purchase orders
 - Approvals
 - Financial processes
- **We will implement waste diversion practices, expand our recycling programs, and reduce manufacturing and office waste**
- **We will reduce overall energy consumption through manufacturing modernization, and will increase renewable energy usage throughout our facilities**
- **We will partner with third-party associations that can help us achieve our stated goals**



Sustainable Packaging Solutions

- **Board**

- All of our SBS paperboard materials are certified Sustainable Forestry Initiative (SFI) or Forest Stewardship Council (FSC) with a documented chain of custody*, ensuring our paper comes from responsibly managed forests
- We offer recycled board solutions
- Rohrer prefers low Volatile Organic Compounds (VOC) water-based coatings

- **Plastic**

- We recommend recycled PET substrates for blisters and clamshell packaging
- We offer a wide array of recycled and recyclable options for blisters, trays, clamshells, and rigid plastic boxes

- **ezCombo™**

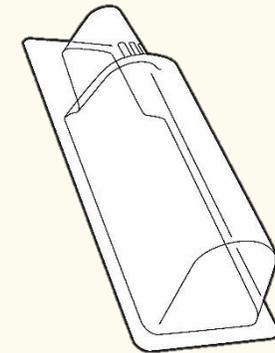
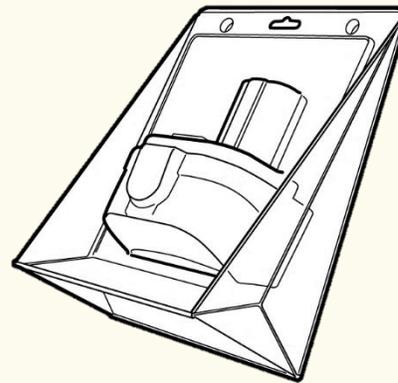
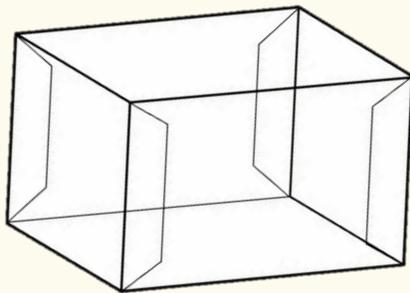
- Rohrer's ezCombo™ program includes RPET, FSC and SFI board
- ecoCombo™, a new combo program using post-consumer recycled materials

*Chain of custody passed to customers requires a separate process



Design for Sustainability

- **Audit and recommend sustainable solutions through package design**
 - Reduce packaging materials used
 - Recommend recycled and post-consumer recycled materials
 - Implement solutions for higher recyclability (ex. trapped blister)
 - Improve lifetime use with lifecycle assessment



Sustainable Manufacturing – Recycling

- **In ONE YEAR Rohrer recycles nearly 40,000,000 pounds of material**
 - More than 23,000,000 pounds of paper
 - More than 15,000,000 pounds of plastic
 - Printing solvents recycled to make roofing shingles
- **Rohrer's recycling programs impact (aggregate):**
 - 195,500 trees saved
 - 9.5MM gallons of oil saved
 - 89MM+ Kwh of energy saved
 - 260,000 cubic yards of landfill space saved

Sources: Stanford University, Southern Illinois University, Plastic World Recycling



Sustainable Manufacturing – Energy Use

- **Energy conservation in our facilities:**
 - We capture and use our thermal energy from our manufacturing process to heat our facilities
 - We reduced our total energy use with our consolidated manufacturing footprint, while maintaining a regional presence to reduce transportation requirements for partners
 - A significant portion of our machinery is equipped to automatically shut off and conserve energy when not in use
 - Our scrap removal system includes a make-up air system, filtering the air
 - We upgraded our presses – the combined energy savings is 2-to-1 with 80% less water used
 - We use high-efficiency lighting in all of our manufacturing facilities
- **Our regional and international presence in the United States and Mexico improves customer proximity and reduces freight energy consumption and emissions**



Vendor Selection

- **Our VENDOR PARTNERS are members of many “Green” organizations**
 - American Forest and Paper Association
 - Recycled Paperboard Alliance
 - Recycled Paper Technical Association (RPTA)
 - Paperboard Packaging Council
 - Paper Recycling Coalition



Recycled Paperboard Technical Association



Introducing: ecoCombo™

The Packaging Industry's First Post-Consumer Recycled Content Combo Program

- Rohrer is committed to providing sustainable packaging solutions
- ecoCombo™ is designed to help brands achieve sustainability goals
- Using post-consumer recycled materials helps strengthen our communities' recycling programs by increasing the demand for recycled materials
- Rohrer partnered with One Tree Planted to plant a tree with every ecoCombo™ order



Introducing: ecoCombo™

The Packaging Industry's First Post-Consumer Recycled Content Combo Program

- **Package Testing:**
 - Paper tested for print and color quality
 - Blisters tested for clarity, forming quality, and production rates
 - Heat-seal tests for strength and security
 - Uses existing production lines & heat-seal equipment
- **Test Completion Schedule:**
 - Internal Testing: Completed February 2020
*print * thermoforming * seal testing*
 - Third-Party Testing: March 2020
*aging * fiber tear * extreme temps*
- **Quotes Available: March 1**
- **Production Begins: EARTH DAY, April 22**

ecoCombo™ Program Specs

- **Post-Consumer Waste Board**
 - 20 pt. face-seal blister cards
 - Minimum 65% PCW includes PCR materials
 - AquaSeal™ aqueous heat-seal coating
- **Post-Consumer Recycled PET**
 - Available in 15 mil (12 mil coming soon)
 - 50% PCR materials
- **Priced in-line with standard ezCombo™ rates**



[Rohrer.com/ecoCombo](https://rohrer.com/ecoCombo)

888-449-8520



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