



Pregis ThermaCycle[®] Thermal Packaging Solutions



The **Pregis ThermoCycle® portfolio** delivers dependable thermal performance, supports sustainability goals and improves packaging efficiency across life sciences, healthcare, food and e-commerce applications.

Flexible Fiber-Based Box Liners

Reliable thermal protection made with recycled fiber

ThermoCycle® flexible box liners deliver high-performance thermal protection with a 100% post-industrial, pre-consumer recycled cardboard fiber core. The recycled fiber gives materials a second life while reducing waste.

Encapsulated Box Liners

Clean, reliable thermal protection for sensitive shipments

Designed for healthcare, pharma and specialty cold chain applications, this fully enclosed liner delivers reliable thermal performance, clean containment and premium presentation.

Clean, Premium Presentation

- Fully encapsulated construction provides a polished aesthetic
- Encapsulation contains fiber material for clean packing, shipping and disposal

Designed for Regulated Supply Chains

- Ideal for applications requiring cleanliness, consistency and material containment
- Protects temperature-sensitive products across diverse cold chain shipping environments

Sustainable Temperature Protection

- Made with recycled fiber materials that support the circular economy
- Recyclable where paper recycling streams exist

Operational Efficiency

- Ships and stores flat for efficient warehousing and transport
- Integrates easily into existing packaging workflows

Customizable Formats

- Available in standard and custom sizes and configurations
- Custom print available



Recycled Content



Renewable



Recyclable

Ideal For:

- Pharmaceuticals
- Biologics
- Medical devices
- Veterinary medicine
- Nutraceuticals
- Specialty healthcare products

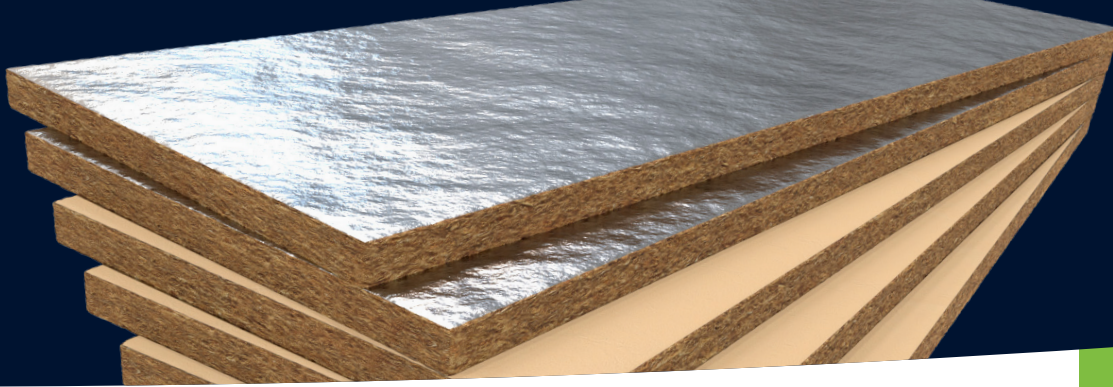


Engineering and Testing Services

Cold chain packaging must meet demanding requirements for temperature control, product integrity and regulatory compliance. The Pregis IQ® provides engineering and testing support to help customers:

- Evaluate temperature-sensitive packaging systems
- Test performance under real-world seasonal and distribution conditions
- Support package qualification and validation

Our expertise and testing capabilities help customers identify and validate the right solution with confidence.



Reflective Box Liners

Enhanced thermal protection with a reflective barrier

A recycled fiber core and paper-based reflective barrier help reduce radiant heat transfer for improved temperature control. The lightweight, space-efficient design supports both shipping efficiency and sustainability goals.

Enhanced Thermal Performance

- Reflective paper barrier reduces radiant heat transfer
- Patent pending design

Fiber-Based Sustainability

- Certified repulpable and recyclable, passes WMU standards
- Constructed from recycled fiber materials

Shipping and Storage Efficiency

- Ships and stores flat
- Reduces warehouse space and transportation costs

Customizable Formats

- Available in standard and custom sizes and configurations

Ideal For:

- Pharmaceuticals and life sciences
- Healthcare products
- Frozen and refrigerated foods
- Nutraceuticals
- Pet care products



Non-Encapsulated Box Liners

Dependable protection with an efficient fiber-based design

Exposed edges provide visibility into the recycled-content core, while the laminated liner helps protect temperature-sensitive products during transit. It balances thermal performance, sustainability and packaging efficiency for food, grocery, meal kit and consumer goods applications.

Efficient Fiber-Based Design

- Helps maintain temperatures throughout distribution
- Made with recycled fiber and recyclable where paper recycling streams exist

Cost-Effective Thermal Protection

- Delivers reliable performance while helping manage packaging costs
- Flexible construction minimizes storage and transportation requirements

Versatile Formats

- Available in a range of standard sizes
- Lamination available on one or both sides

Ideal For:

- Meal kits
- Grocery delivery
- Frozen and refrigerated foods
- Consumer packaged goods
- E-commerce shipments
- General cold chain applications



Products worth protecting deserve Pregis

We are a leading manufacturer of **innovative packaging solutions** and **protective products**.

We solve our customers' toughest business challenges with packaging so they can create customers for life. We do this by delivering **creative solutions to packaging challenges** and leveraging a material neutral portfolio.

Contact us today!
[www PREGIS.COM](http://www.PREGIS.COM)



Inside-the-Box Protection

Ready-to-Use Packaging |
On-Demand Systems: Air, Paper, Foam
| Foam for Fabrication



Mailing & Bagging Solutions

Ready-to-Pack Shipping Mailers |
Automated Paper and Poly Mailers |
Automated Bagging Systems |
On-Demand Rightsized Mailing



Surface Protection

Temporary Protective Films |
Interleaving Materials | Foam
Edge Protectors



Performance Flexibles

Pregis Performance Flexibles Renew
Series Films