DuraTherm® custom molded packaging provides precision form, fit, and exceptional product protection.

DuraTherm® Custom Molded Packaging
ACH Foam Technologies has been an industry leader in expanded polystyrene (EPS) custom molding for more than four decades. When your product needs the ultimate in protection and performance, DuraTherm® custom molded packaging is the answer. ACH Foam Technologies has the most advanced custom molding technology available, allowing us to produce products faster and more efficiently.

Our technology enables us to custom mold EPS or a variety of foam materials to your requirements. We can make the part in a varying degrees of resiliency depending on how you want to transfer impact through the custom-molded packaging part away from your product.

Our designers utilize 3-D software and multi-axis routing to create the perfect configuration and fit to protect your product. DuraTherm® custom molded packaging parts are designed specifically for an item and are manufactured with efficient lead times.

DuraTherm® Custom Molded Packaging Products
- Inserts
- Complete Enclosures
- Corners
- Endcaps
- L-blocks
- Trays
- Insulated Shipping Containers

Virtually any design can be developed into a custom molded protective packaging solution.

DuraTherm®: When Every Shipment Counts
Custom Molded Packaging

**Resource Efficient**
EPS manufacturing uses little energy and creates little pollution. Steam is a component of the Expanded Polystyrene (EPS) manufacturing process. The water from this process is collected and re-used many times. Additionally, only 0.1% of total oil consumption is used to manufacture EPS.

**Reduces Supply Chain Waste**
EPS cushions and protects products better than alternative packaging (corrugated cardboard, wood, etc.) from repeat impacts during shipment which reduces waste caused by goods that are broken or damaged in the supply chain saving energy, material and transportation resources.

**Environmentally Friendly**
EPS has never contained CFCs, HCFCs, HFCs or formaldehyde which are harmful to the earth’s ozone. EPS is inert and stable and does not produce methane gas or contaminating leachates.

**Reduced Fuel Consumption**
ACH Foam Technologies has nationwide locations throughout the United States. The light weight of our product combined with shorter shipping distances reduces fuel consumption.

**Made with Recycled Material**
Expanded polystyrene (EPS) is recyclable and can be turned into new EPS products or thermally processed into a resin to make other products. ACH Foam is a 100% closed-loop manufacturer. All scrap EPS generated during manufacturing is recycled. EPS foam has the highest recycling rate among all plastics.

**DuraTherm® custom molded packaging benefits**
- Produced with Extremely Close Tolerances
- Precision Form & Fit
- Proven Design Consistency & Easy Customization
- Repeat Product Performance
- Cost Effective & Innovative
- Fast & Efficient Lead Times
- Three Dimensional for Added Flexibility
- Variety of Press Sizes Available
- ISTA Certification

DuraTherm® fabricated packaging is also available as an economical solution for smaller quantities.

**Specialty Custom Molded Packaging Products**
ACH Foam Technologies’ also offers additional specialty custom molded packaging materials: Arcel®, Neopor®, and custom molded expanded polyethylene (EPE).

Arcel® resin consists of polystyrene and polyethylene, providing the best of both polymers with its exceptional toughness, flexibility, and durability. The strength and flexibility of Arcel® resin creates a resilient foam that can be molded into complex and intricate forms.

Neopor® graphite polystyrene (GPS) custom molded packaging: Neopor® GPS offers the same benefits of DuraTherm® EPS with the added ability to reduce material thicknesses by up to 20% while maintaining the same thermal performance. Neopor® GPS is comprised of many small pockets of air within a polymer matrix containing graphite. The graphite reflects radiant heat energy like a mirror, increasing the material’s resistance to the flow of heat, or R-value.