Instapak® Foam Packaging
Saves You Money
One of the most economical packaging materials available, Instapak® foam can cut your material costs dramatically - without compromising product protection.

Space Saving
Because Instapak® foam expands up to 280 times its liquid volume, the equivalent of a trailer load of packaging material can be stored in two 55-gallon drums. Instapak® foam only expands when, where and as you need it.

Versatile
With the Instapak® packaging process, you can economically and efficiently protect products of almost any size, shape and weight. For virtually everything you manufacture, protective foam cushions can be created on-demand and placed where needed for precision cushioning, high-speed void fill, or heavy-duty blocking and bracing.

Engineered Protection
Instapak® high-performance packaging foam is designed to protect your products during shipping, warehousing and general handling. Its unique cushioning abilities allow you to package your product with a minimum of material.
Product Protection

Fast
With the Instapak® foam packaging process, your products are simultaneously boxed and protected. In fact, our foam-in-bag packaging equipment can produce up to 21 protective cushions per minute at the touch of a button.

Customer Satisfaction
With Instapak® foam packaging, your customer receives a damage-free product in a neat, professional package. The foam can then be reused as packaging or returned to any of over 20 Instapak® foam return locations worldwide.

Methods
Void Fill
Ideal for high-volume “pick and pack” operations and distribution centers, Instapak® systems deliver clean, fast, cost-effective alternatives to conventional void fill materials.

Blocking and Bracing
When packaging rugged products, Instapak® foam can be used to prevent movement within the carton.

Cushioning
For products that require engineered product protection or exact product positioning, the Instapak® process produces highly protective, custom-fit molded cushions.
A Systematic Approach to Packaging

Hand-Held Packaging Systems

Instapak® 900 Series Systems:
The Instapak® 900 series is our second generation of proven all-electric packaging systems. The Instapak® Model 900 (left) is suited for small to medium packaging operations, while the Instapak® Model 901 (right) is ideal for larger packaging environments. Both models feature electric metering pumps and self-diagnostic controls to guarantee top quality Instapak® foam packaging.

Foam-in-Place: A simple cushioning or blocking and bracing process for a variety of items with changing shapes and sizes.

1. Instapak® foam is dispensed into a carton lined with high-strength Instamate® film.
2. The Instamate® film is folded over and the product is placed on the rising foam.
3. A second sheet of Instamate® film is placed over the product and more Instapak® foam is dispensed.
4. Your customer receives your product undamaged.

Foam-in-Place Molding: A process that produces specifically designed cushions for ultimate protection and efficiency.

1. A simple wood mold is used to produce the desired cushion shape.
2. Instamate® film is placed into the mold and Instapak® foam is dispensed.
3. Your product is packaged safely in custom-shaped, engineered cushions.

All Instapak® hand-held systems feature a patented, self-cleaning cartridge dispenser.
Foam-in-Bag Packaging Systems

**SpeedyPacker™ Systems:**
Our SpeedyPacker™ systems can deliver up to 21 foam-filled bags per minute, providing maximum productivity and product protection at the touch of a button. Both our benchtop and height adjustable floor models can accommodate film in 8, 12 and 19 inch widths. Also available is a wide-body benchtop system designed for packaging larger products using 30 inch film.

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**Foam-in-Bag:**
Foam-filled bags in a variety of sizes are placed where needed for void fill, cushioning or blocking and bracing.

1. At the touch of a button, the operator selects the proper bag length and amount of Instapak® foam required.
2. The operator places the foam-filled bag into the carton and nests the product onto the expanding cushion.
3. A second foam-filled bag is placed on top of the product and the carton flaps are closed.
4. The foam-filled bag expands around the product and against the carton to form a top cushion.

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**Foam-in-Bag Molding:**
Custom-designed cushions that provide optimum protection are produced quickly and easily with the foam-in-bag molding process.

1. With the push of a button, the SpeedyPacker™ system quickly dispenses an Instapak® foam-filled bag.
2. When placed into the mold enclosure, an on-board vacuum draws the foam-filled bag into the mold cavity.
3. Aided by a built-in air ejection system, the operator removes a finished cushion from the mold cavity where it has been allowed to fully expand.
4. In under a minute, a cost-effective engineered packaging cushion is ready to protect your product during shipping and handling.
Every cushion carries an informative message to your customers about Instapak® foam and the environment.

Consider the facts about Instapak® foam packaging:

- **Reduce**
  Sealed Air packaging design and sales professionals eliminate hundreds of thousands of pounds of packaging materials each year by designing packaging solutions using high-performance Instapak® foam.

- **Reuse**
  Resilient Instapak® foam cushions can be designed to meet the needs of companies who use packaging for multiple shipments. Instapak® foam cushions can also be reused as carton fillers or reshaped manually to fit the next product shipped.

- **Return**
  Instapak® foam can be returned to any of over 20 worldwide foam return locations.

- **Waste-to-Energy**
  In modern waste-to-energy combustion facilities, Instapak® foam processes more efficiently than paper or wood and yet leaves less than 1% residual ash.

- **Landfill Compatibility**
  Instapak® foam compacts to approximately 10% of its original volume in a landfill. It is biostable and will not degrade to pollute air or ground water.

High-Performance Instamate® Film Enhances Instapak® Foam Cushion Quality

Instamate® film’s unique combination of strength and flexibility provides a tough exterior to the foam cushion guaranteeing unparalleled product protection.

**Film Strength**

<table>
<thead>
<tr>
<th>Film Type</th>
<th>Dart Impact Test: ASTM 1709-A</th>
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<tbody>
<tr>
<td>Low-Density PE</td>
<td>50</td>
</tr>
<tr>
<td>Conventional HDPE</td>
<td>100</td>
</tr>
<tr>
<td>Instamate® Film</td>
<td>200</td>
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</tbody>
</table>

By calling any of the domestic or international telephone numbers listed, your customers receive additional information about reuse, return or disposal options.
Sealed Air Will Provide Free Packaging Consultation, Package Design and ISTA-Certified Testing and Evaluation

As the recognized leader and innovator in protective packaging, Sealed Air will help you find simple, practical solutions for your most challenging packaging problems.

At over 30 packaging labs worldwide, Sealed Air designs the most efficient packaging for our customers, reducing both the volume and weight of the material used.

With a Sealed Air Instapak® packaging solution, it is easy to increase your productivity and improve customer satisfaction. Your local Sealed Air sales team will thoroughly evaluate your packaging operation and offer:

- The best package design and Instapak® foam packaging method for your application.
- The ideal Instapak® packaging system for your operation, plus information on integrating these systems with your other material handling equipment.
- A value analysis of the cost savings associated with a Sealed Air solution.
- The best training and support services in the industry to ensure you are using Instapak® products effectively and economically, right from the start.

The Instapak® Family of Foams: Meeting a Wide Range of Packaging Requirements

As the leader in low-density polyurethane technology and its application to packaging, Sealed Air has developed many different types of Instapak® foam to provide you with the most cost-effective solutions to your packaging requirements.

<table>
<thead>
<tr>
<th>Standard Foams</th>
<th>Container Sizes (Gal.)</th>
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<tbody>
<tr>
<td>UltraLite™ Foam Void Fill</td>
<td>15 / 55 / 275</td>
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<tr>
<td>Install® Foam Void Fill, Light Cushioning</td>
<td>15 / 55 / 275</td>
</tr>
<tr>
<td>Instapak® 40W Foam All Purpose Cushioning</td>
<td>15 / 55 / 275</td>
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<tr>
<td>Instapak® 50W Foam Extra-Strength Cushioning</td>
<td>15 / 55 / 275</td>
</tr>
<tr>
<td>Instapak® 75W Foam Heavy-Duty Cushioning, Light Blocking &amp; Bracing</td>
<td>15 / 55 / 275</td>
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<tr>
<td>Instapak® Molding Foam Slow Rise Molding</td>
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**Specialty Foams**

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<td>Instapak® Molding Foam Slow Rise Molding</td>
<td>15 / 55 / 275</td>
</tr>
<tr>
<td>Instapak® Rigid 100 Foam Artificial Floral/Tree Uses</td>
<td>15 / 55 / 275</td>
</tr>
<tr>
<td>Instapak® Rigid 150 Foam Medium Blocking &amp; Bracing</td>
<td>15 / 55 / 275</td>
</tr>
<tr>
<td>Instapak® Rigid 200 Foam Heavy Duty Blocking &amp; Bracing</td>
<td>15 / 55 / 275</td>
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**Military Specification Foams***

<table>
<thead>
<tr>
<th>Military Specification Foams*</th>
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<tbody>
<tr>
<td>MillFlex™ Foam Class III</td>
<td>55 / 275</td>
</tr>
<tr>
<td>MillTech® Foam Class II, Grade B</td>
<td>55 / 275</td>
</tr>
<tr>
<td>MillForce® Foam Class I, Category 1</td>
<td>55 / 275</td>
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</tbody>
</table>

*These Instapak® foam formulations are capable of meeting military specification MIL-PRF-83671B.
Sealed Air Corporation is a leading global manufacturer of a wide range of protective, food and specialty packaging materials and systems. Many of our brands are among the best known, most respected names in their markets. We are committed to providing packaging solutions that deliver measurable value to our customers. Our ability to provide innovative packaging solutions is a result of our industry leading investment in Research and Development, as well as our implementation of World Class Manufacturing principles.

Our Products Are Supported By:

- **Consultative sales representatives** who will work with you to determine the most cost-effective packaging method.
- **Package design evaluation and testing** at no charge to you.
- **Training** to ensure your personnel are using our products effectively and economically.
- **Local fabricators and distributors** providing complete sourcing for all your packaging needs.
- **Multiple shipping points** throughout the U.S.
- **System installation and service** by local Sealed Air representatives.
- **Worldwide availability** for those customers with international sourcing requirements.

**Sealed Air Divisions**

**Cryovac Division:**  
Cryovac® bags, films and laminates; Dri-Loc® absorbent pads; and Cryovac® trays and equipment systems for perishable food.

**Engineered Products Division:**  
Instapak® Foam Packaging Materials and Systems; Korrvu® Suspension Packaging and Korrvu® Retention Packaging; and Vistaflex® Engineered Inflatable Packaging.

**Packaging Products Division:**  
AirCap® and Bubble Wrap® Air Cellular Cushioning; Cell-Aire® Polyethylene Foams and Cell-Aire® Laminates; Jiffy Mailer® Products; Cryovac® Performance Shrink Films; Cryovac® Medical Products; and Void Kraft®, Custom Wrap® and Kushion Kraft® Paper Packaging. Systems: Fill-Air® and Rapid Fill® Packaging; Instasheet® and Accu-Out® Packaging; and Jiffy Packer® Paper Packaging.

**Polyethylene Foam Division:**  
Stratocell® Laminated Plank; Stratocell® Plus Special Density Foam and Film Laminates; CelluPlank® and Cellu-Cushion® Polyethylene Foams.

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