

 **Sealed Air**

**Instapak<sup>®</sup>**

Foam packaging

## **Fast, versatile and cost-effective foam packaging solutions**



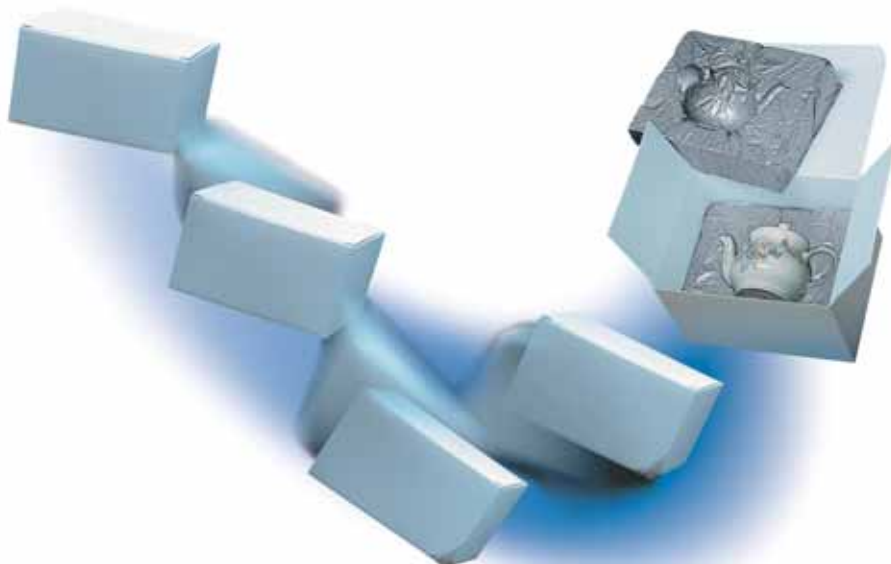
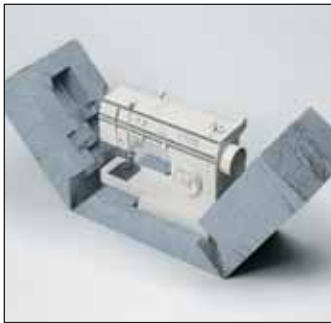
# Minimum packaging costs

## Instapak® foam packaging saves you money

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

## Space savings

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 210 litre 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.

# Maximum product protection

## Fast Methods

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.



### Void fill

Ideal for low or 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 moulded cushions.



## 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 over 20 Instapak® foam-return locations worldwide.





## Instapak® 901 system

The Instapak® 901 system is our second generation of proven all-electric, foam-in-place packaging systems, featuring electric metering pumps and self-diagnostic controls to guarantee top-quality Instapak® foam packaging.



*All Instapak® systems feature patented, self-cleaning dispensers.*

### Foam-in-Place:

A simple cushioning or blocking-and-bracing process protects a variety of items of different 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 Moulding:

This process produces specifically designed cushions for ultimate protection and efficiency.



1. An item to be fitted for a custom mould is selected.



2. A simple wood mould is used to produce the desired mould shape.



3. Instamate® film is placed into the mould, and Instapak® foam is dispensed.



4. Your product is packaged safely in custom-shaped, engineered cushions.

# A process and system for every need

## Instapak Quick® packaging:

Making a custom Instapak® foam package has never been easier.



1. Select a warm bag and apply pressure to the "press here" area to open the inside seal.



2. Pat part "A" and part "B" back and forth, and the bag will begin to expand.



3. Place the expanding foam-filled bag in the shipping carton and nestle the product onto the cushion.



4. Place a second expanding bag on top of the product and close the carton flaps, creating a top cushion.



## Instapak Quick® packaging

A convenient, portable and compact foam-in-bag packaging process.



## Instapacker™ Tabletop system

Enjoy all the proven benefits and cost savings of foam-in-bag packaging with an affordable, user-friendly Instapak® system.



## Instapacker™ Tabletop system:

Our affordable, easy-to-use foam-in-bag packaging system saves valuable workspace.



1. Press any one of the 10 preset foam-amount keys to dispense a foam-filled bag.



2. Remove the bag of expanding foam by tearing at perforations.



3. Place the Instapak® foam-filled bag into the carton and place the product to be packaged on top of the expanding bag.



4. Form a top cushion by placing a second Instapak® foam-filled bag on top of the product and closing the carton.

## SpeedyPacker® Insight™ packaging systems

Our SpeedyPacker® Insight™ 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 produce traditional foam-in-bag packaging as well as our patented Continuous Foam Tubes.



### Foam-in-Bag:

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



1. With 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 nestles 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.

### Continuous Foam Tubes (CFT):

Continuous Foam Tubes can be used for a number of packaging applications.



1. The full-colour, user-friendly control panel features one touch operation.



2. CFT technology lets you use the SpeedyPacker® Insight™ system to produce a series of foam-filled tubular cushions.



3. The system can be set to batch produce and accumulate Continuous Foam Tube packs for later use or for delivery to multiple workstations.



4. The versatile CFTs can be used for end caps, bottom-base pads or corner and edge protection.

# Innovative options

## Instapak® Foam-in-Bag moulding equipment

Our moulding equipment produces specifically shaped cushions for products that require a consistent, precise fit and engineered protection. Whether you are packing 20 or 2000 products a day, we have a moulding system to fit your needs.



## Foam-in-Bag Moulding:

Custom-designed cushions are produced quickly and provide optimum protection.

1. With the push of a button, the SpeedyPacker® Insight™ system quickly dispenses an Instapak® foam-filled bag.



2. When the foam-filled bag is placed into the mould enclosure, an on-board vacuum draws the bag into the mold cavity.



3. Aided by a built-in air ejection system, the operator removes a finished cushion from the mould cavity where it has been allowed to fully expand.



4. In under a minute, a cost-effective engineered package is ready to protect your product during shipping and handling.

# Proven performance

## Sealed Air will provide packaging consultation, package design and ISTA-certified testing and evaluation

At 35 Packaging Design and Development Centers 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 productivity and improve customer satisfaction levels. Your local Sealed Air sales team will thoroughly evaluate your packaging operation and offer the following:

- 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.



*Our ISTA-certified packaging laboratories will design and test a sample package for your product and provide you with a detailed analysis of our findings.*

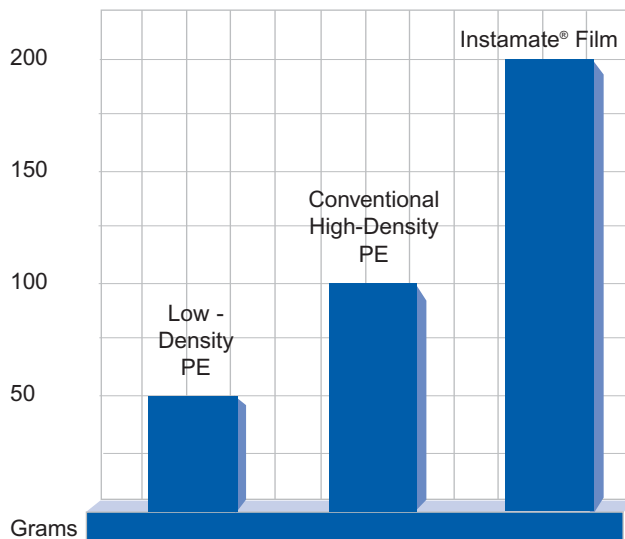


## High-performance Instamate® film enhances Instapak® foam cushion quality



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

### Film strength



Dart Impact Test: ASTM 1709-A  
.7 mil samples



# Added value

## Environmentally sensible packaging, uncompromised performance

Instapak® foam minimises the amount of packaging used without compromising the protection of shipped goods. It is also produced without chlorofluorocarbons (CFCs) or hydrochlorofluorocarbons (HCFCs), which have been associated with the depletion of the ozone layer.

## Every cushion carries an informative message to your customers about Instapak® foam and the environment



*By calling any of the telephone numbers listed, your customers receive additional information about reuse, return or disposal options.*

## Consider the facts about Instapak® packaging:

- **Reduce**  
Sealed Air packaging design and sales professionals eliminate hundreds of thousands of kilograms 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, leaving 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.



## 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.

Standard foams		Container sizes (litre)	Specialty foams		Container sizes (litre)
UltraLite®	Void Fill	200/1000	Instapak Flow Rite®	Extended-Rise, Mid-Density	200
Instafill®	Void Fill, Light Cushioning	60/200/1000		Foam Instaflex™	
Instapak® 40W	All-Purpose Cushioning	60/200/1000	GFlex® QS	Quick-Set, High-Performance	200/1000
Instapak® 50W	Extra-Strength Cushioning	60/200/1000	Instapak® Rigid 125	Blocking-and-Bracing / Floral	200
Instapak® Moulding Foam	Slow-Rise Moulding	60/200/1000	Instapak® Rigid 200	Heavy-Duty Blocking-and-Bracing	60/200

# Creating world class packaging solutions

Sealed Air is a leading global manufacturer of a wide range of fresh food, protective and specialty packaging products. Reaching nearly 80 percent of the world's population, many Sealed Air brands are among the most respected names in their markets.

Our products protect and preserve our customers' products from the plant or warehouse through the rigors of the distribution chain. A number of Sealed Air products also provide an appealing merchandising presence for retail display.

Sealed Air's industry-leading investment in research and development and constant focus on World Class Manufacturing principles allow us to continue to deliver innovative packaging solutions that add measurable value to our customers' businesses around the world.



**AirCap®**  
Air Cellular Cushioning



**PriorityPak™**  
Packaging System



**Cryovac®**  
Food Packaging



**Cryovac®**  
Performance Shrink Films



**Mail Lite®**  
Cushioned mailers



**NewAir I.B.™**  
Packaging Systems



**Korrvu®**  
Suspension and Retention  
Packaging



**Cell-Aire®**  
Polyolefin Foam  
**Stratocell®**  
Laminated Foam

Distributed by:



Protective Packaging  
Telford Way, Kettering, Northants NN16 8UN, England  
Tel: +44 (0) 1536 315700 Fax: +44 (0) 1536 410576  
E-mail: [EPDeuomktg@sealedair.com](mailto:EPDeuomktg@sealedair.com)  
[www.instapak.com](http://www.instapak.com)

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Corporate offices: Sealed Air Corporation,  
200 Riverfront Boulevard, Elmwood Park, NJ 07407, USA  
Sealed Air has companies throughout the world. [www.sealedair.com](http://www.sealedair.com)  
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