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#### Specialty Foams

#### Polyethylene Foam Solutions

## SPECIALTY FOAMS

Sealed Air's business is about protecting your products on their entire journey, a responsibility we take very seriously for all of our customers worldwide.

The Specialty Foams team is focused on providing polyethylene foam solutions to various industries including a variety of packaging and non-packaging applications:





### WHEN CONSIDERING YOUR GROWTH, CONSIDER SEALED AIR

#### Sealed Air is the world's leader and innovator in extruded polyethylene foam.

Working with Sealed Air offers you a proven record of performance, tradition of consistency, reputation for quality and stability in the marketplace:

- High Performance Cushioning Provides high protection using less foam than many alternative packaging materials.
- Reduced Packaging Costs Less foam results in smaller packs, reducing material and shipping costs, as well as handling and storage expenses.
- Excellent Material Yield Wide widths minimise scrap generated during fabrication, further reducing material costs and less waste for disposal.
- Very Resilient Quick recovery from multiple compressions and impacts make it ideal for use in returnable material handling systems.
- Enhanced Packaging Aesthetics Clean, attractive appearance enhances product and package image.
- Global Leader in Product Protection 145 manufacturing facilities reaching out to 175 countries.

#### TYPES OF FOAM TO SUIT EVERY APPLICATION

Sealed Air's polyethylene foams are designed to meet a broad range of protective packaging and material handling requirements, from economical lightweight protection to heavy-duty industrial cushioning. They are clean, low-abrasive and offer package designers and fabricators a variety of creative opportunities.









## Packaging Design Centres

#### SOLUTION-BASED DESIGN AND DEVELOPMENT

Sealed Air's Packaging Design Centres exist to achieve one purpose: to help our customers find a high-performance, cost-effective packaging solution. With dedicated packaging engineers in all of our International Safe Transit Association (ISTA) certified design centres worldwide, we review and analyse proposed designs, develop new ones, test existing packs and recommend the best way to maximise the protective qualities of Sealed Air's polyethylene foams.

#### OUR FIVE STEP DESIGN PROCESS



**Step 1** Understand the shipping and distribution environment



**Step 2** Define the fragility of the product

#### WORLD CLASS SOLUTIONS

Our Packaging Design Centres are world-class, including our staff, process and equipment. We design a packaging solution based on your product and application utilising the correct amount of material. We also develop 3D images of the package design to show how the design is built and for instruction on assembly.

The graphics and animations we create are then yours to keep to be used internally or as a marketing tool.

#### A FULL COMPLEMENT OF TESTING SERVICES

Sealed Air provides package and material testing in accordance with the International Safe Transit Association procedures. We are capable of replicating almost any transit condition, conducting a variety of drop, impact, compression and vibration tests utilising the equipment of the dynamic test centre. Other non-ISTA testing can be performed. Comprehensive shock and vibration cushioning performance data is available on Sealed Air's polyethylene foams.



OUR GOAL IS TO HELP YOU FIND A COST-EFFECTIVE SOLUTION TO YOUR PACKAGING NEEDS AND TO PROVIDE YOU WITH THE MOST EFFICIENT PACKAGE POSSIBLE.



**Step 3** Select the appropriate cushioning material



**Step 4** Design the prototype package



**Step 5** Verify the package through testing

## Put us to the test FREE OF CHARGE



# A PRODUCT AND A PARTNERSHIP

Our sales specialist's can provide Sealed Air's experience, technology, innovation in foams, films, and composites to create a customised solution for your application or your customer's application.

With Sealed Air, you have experienced sales specialists to help you find the product that fits your needs and your bottom line.

#### The Sealed Air consultative sales process includes:

- Local sales support
- Design expertise
- Testing
- Samples for your evaluation

#### A COLLABORATIVE APPROACH

Sealed Air partners with our fabricators to provide indispensable benefits to you.

- Quality
- Performance
- Sustainability
- Consistent lead time
- Full foam range
- Optimum solutions







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#### THE ENVIRONMENT

As an industry leader, Sealed Air is committed to pursuing the most environmentally sound practices throughout its product range and in its manufacturing processes.

Our design specialists use their expertise to ensure that the minimum amount of polyethylene foam is used in all designs, whilst maintaining optimum performance to ensure that the product arrives at its destination undamaged.

High performance cushioning and clever design reduces shipping cube, less space, less trucks, less carbon emissions. Sealed Air's polyethylene foams are resilient to multiple impacts which ensures repeat performance and therefore suitable for re-use.

Sealed Air's polyethylene foam is non crosslinked making it recyclable, bio-stable and land fill compliant. These foam products can be recycled at the highest level (back to plastic pellet) with minimal degradation in material. Sealed Air's foam contains recycled content. Globally Sealed Air recycles thousands of tonnes of foam annually.

Recovery by waste to energy is a sensible waste management alternative. As an energy source Sealed Air's polyethylene foams burn cleanly and contribute a high calorific value, providing a good waste to energy solution.

#### NATECH CONCEPT S.R.L

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