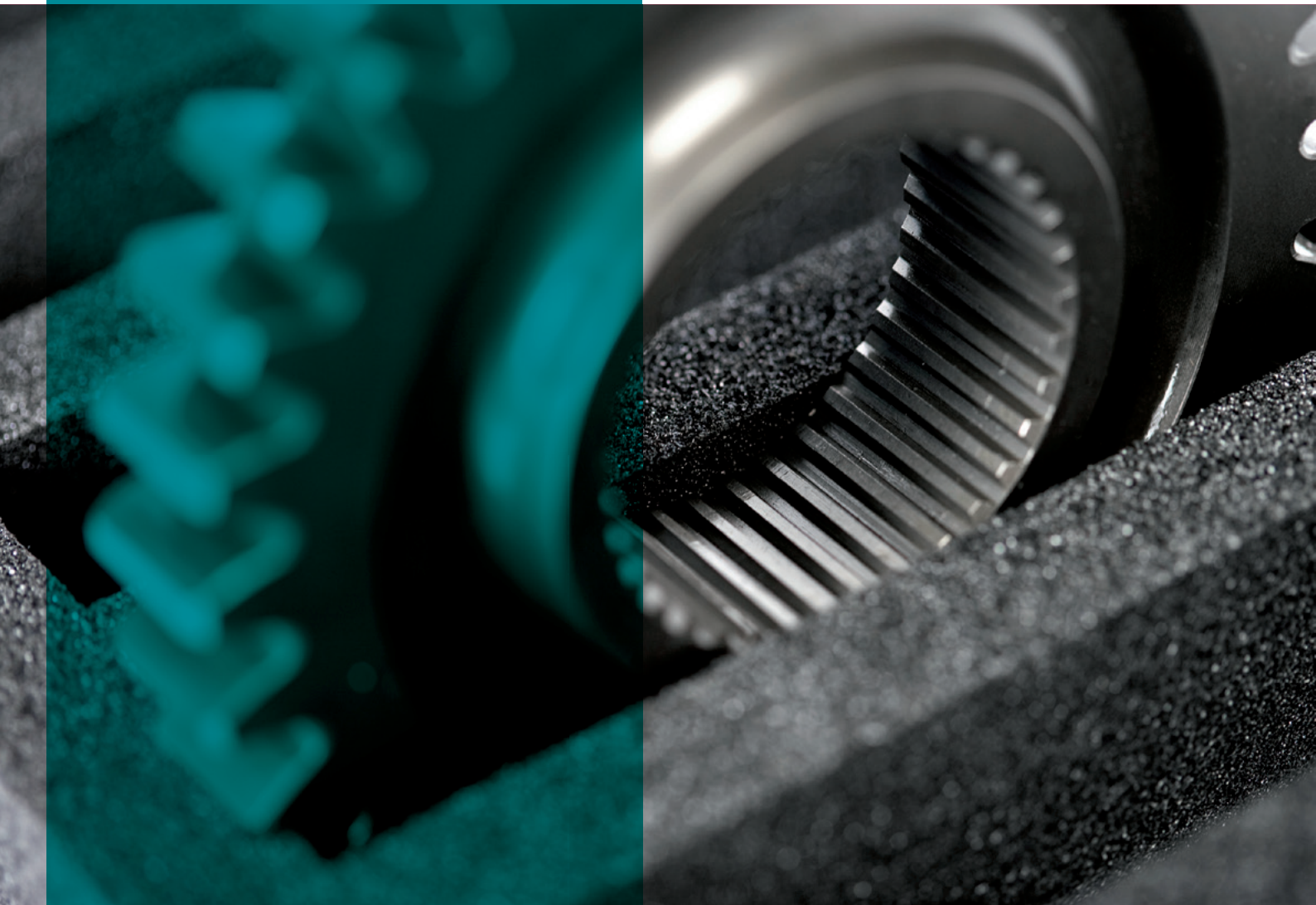


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**Ethafoam**<sup>®</sup>  
Polyethylene Foam Products

First in Foams,  
Leaders in Innovation



# GO WITH THE PIONEER IN POLYETHYLENE FOAMS

Ethafoam® has been the leader in polyethylene foam packaging for over 50 years. We have come a long way from our humble beginnings and now offer solutions using our wide range of densities, colours, thicknesses and properties.

## LEGENDARY DEPENDABILITY

The Ethafoam® line is known for its outstanding dimensional stability and recovery characteristics, while providing unparalleled cushioning protection against repeated impacts. In addition to providing excellent protection, Ethafoam® products are chemical and water resistant.

## OUR STANDARD OFFERINGS ARE A CUT ABOVE

Our line of Polyethylene foam products offer more options:

- **Densities**  
We offer six distinct Ethafoam® product densities from 25kg / m<sup>3</sup> - 146kg / m<sup>3</sup>.
- **Thicknesses**  
Depending on the density, we offer our Ethafoam® planks in a variety of thicknesses, from 30mm to 100mm.
- **Properties**  
Some Ethafoam® products are available with anti-static and/or flame-retardant properties.
- **Colours**  
We offer a variety of standard colour options. Other colours are available upon request (minimums apply).

## EXPANDED RESOURCEFULNESS

Using our Ethafoam® line as a foundation, we continue to innovate new foams for specific applications.

- **Ethafoam® Synergy® fine cell polyethylene foam**  
A low-abrasion solution for applications where presentation matters.
- **Ethafoam® HRC recycled resin content polyethylene foam**  
Foams with a minimum of 50% recycled resin content.



## Benefits of Sealed Air's Polyethylene Foam Solutions



OPTIMUM MATERIAL USAGE



RE-USABLE



100% RECYCLABLE



NO EXPENSIVE TOOLING



UNBEATABLE CUSHIONING PERFORMANCE



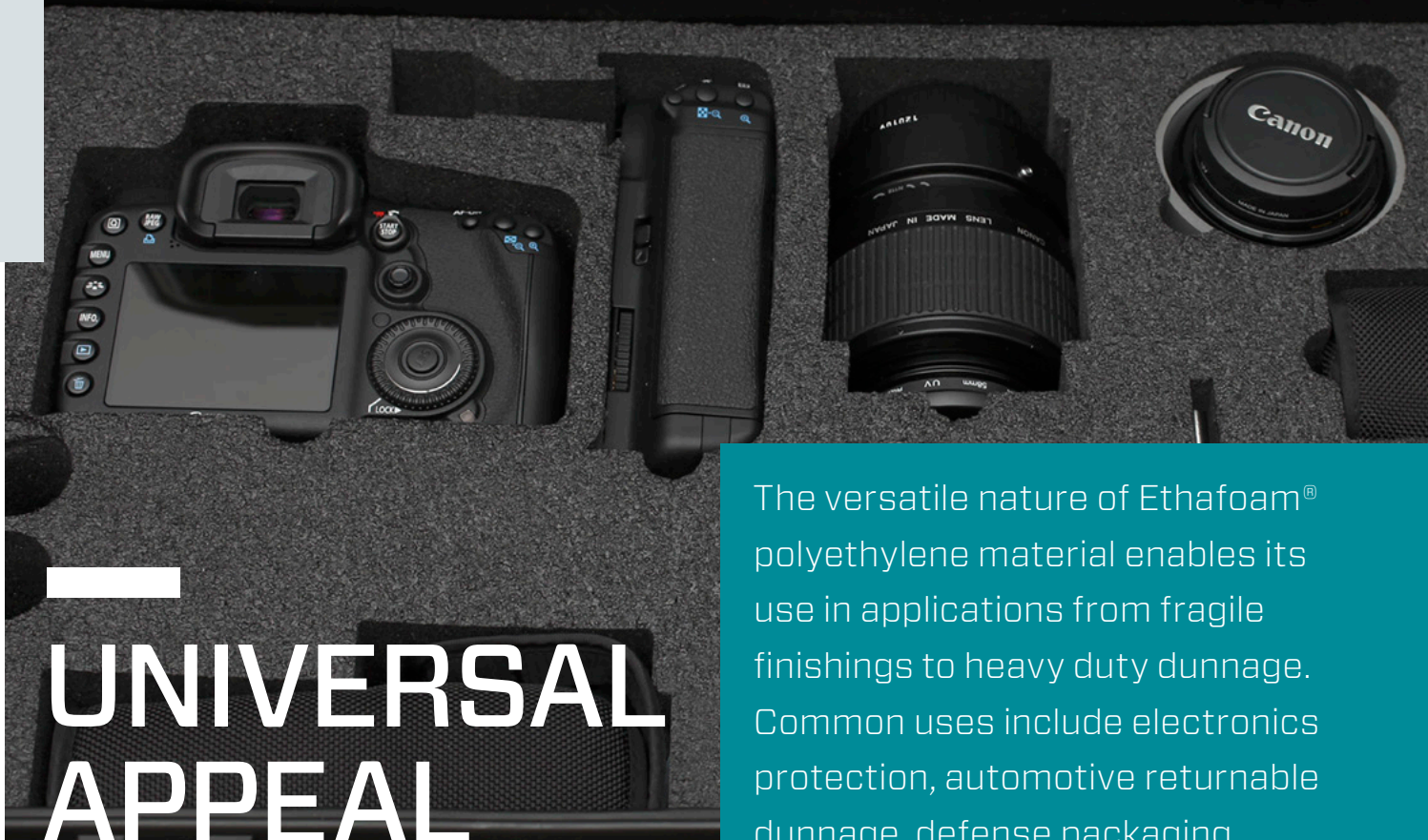
LOW ABRASION



GREAT AESTHETICS



REPEAT PERFORMANCE



# UNIVERSAL APPEAL

The versatile nature of Ethafoam<sup>®</sup> polyethylene material enables its use in applications from fragile finishings to heavy duty dunnage. Common uses include electronics protection, automotive returnable dunnage, defense packaging, kitted equipment and more.

## TYPICAL PHYSICAL PROPERTIES

Physical Properties	Test Method	Ethafoam <sup>®</sup> 150	Ethafoam <sup>®</sup> 180	Ethafoam <sup>®</sup> 220	Ethafoam <sup>®</sup> 400	Ethafoam <sup>®</sup> 700	Ethafoam <sup>®</sup> 900
Density (Kg/m <sup>3</sup> )	ASTM D3575-08 ISO 845:2006	25	28	37	57	105	146
Compressive Strength (KPa) vertical @ 25% vertical @ 50%	ASTM D3575-08 Suffix D ISO 7214:2007	45 90	55 105	65 125	120 190	270 400	450 650
Compressive Set (50%)	ASTM D3575-08 Suffix B ISO 1856:2000	< 25	< 25	< 20	< 20	< 15	< 15
Compressive Creep (%) (1000 hrs)	ASTM D3575-08 Suffix BB	< 10 @ 9,1 kg/ dm <sup>2</sup>	< 10 @ 9,1 kg/ dm <sup>2</sup>	< 10 @ 17,5 kg/dm <sup>2</sup>	< 10 @ 35 kg/ dm <sup>2</sup>	< 10 @ 70 kg/ dm <sup>2</sup>	< 10 @ 140 kg/dm <sup>2</sup>
Tensile Strength (@ peak (MD/CD) KPa)	ASTM D3575-08 Suffix T ISO 1798: 2008	165 135	172 137	213 165	303 296	500 718	510 758
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	17 14	17 17	17 14	26 17	52 13	56 56
Water Absorption (%)	ASTM D3575-08	< 3	< 3	< 3	< 1	< 1	< 1
Thermal Stability (%)	ASTM D3575-08 Suffix S	< 2	< 2	< 2	< 2	< 2	< 2
Static Decay* (sec) (Anti-Static Grade)	EIA Std. 541 Append. F	< 2	< 2	< 2	< 2	< 2	< 2
Surface Resistivity* (ohms/sq) (Anti-Static Grade)	EIA Std. 541 Section 4.3	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>	1.0 × 10 <sup>9</sup> – 1.0 × 10 <sup>12</sup>

The data presented for these products are for Ethafoam<sup>®</sup> polyethylene foam products. While values shown are typical of the products, they should not be construed as specification limits.  
\*Anti-Static



# SUSTAINABILITY

At Sealed Air, we pledge to design and advance our innovative packaging solutions to be **100% recyclable or reusable by 2025.**



By offering high performance solutions, we greatly reduce damage in transit, using clever design to reduce the amount of packaging needed

We will accelerate the use of recycled materials, expand reuse models for our packaging, and lead the collaboration with partners worldwide to make this happen. We solve our customers' most critical packaging challenges with innovative solutions that leave our world, environment, and communities better than we found them.

## PARTNERS IN A BETTER TOMORROW

### Reduce, Reuse, Recycle

Sealed Air makes every effort to ensure that waste packaging does not end up in a landfill. Ethafoam® products are non-crosslinked, meaning they can be recycled in our closed loop system. Our Packaging Application Centres will work with you to ensure you get a solution that has maximum protection with minimum material. All Ethafoam® products can be reused multiple times before experiencing any degradation in their protective qualities.

### We Have Designs on Serious Source Reduction

With 27 Packaging Application Centres worldwide, Sealed Air is committed to being your partner in packaging by designing cost-efficient solutions.

Our services include design, prototyping and testing, as well as a network of trusted fabricator partners that can deliver what you need, time and time again.

### Opening Doors with Closed Loop Recycling

In order to verify our recycled resin is of the highest quality, Sealed Air has implemented a Closed Loop Recycling system. We have invested in collection systems that reclaim scrap material from our network of World-Class fabricators.

This allows us to reduce the amount of our material that ends up in a landfill, while giving us greater control of the sourcing and quality of our materials.

To learn more visit [www.recyclepefoam.com](http://www.recyclepefoam.com)

## Packaging APPLICATION CENTRE Capabilities

### Solution-Based Design and Development

Sealed Air's Packaging Application Centres exist to achieve one purpose: to help our customers find a high-performance, cost-effective packaging solution. With dedicated packaging engineers in 27 ISTA-certified Packaging Application Centres worldwide, we are ready to listen and deliver.

Our goal is to help you find a cost-effective solution to your packaging needs, and provide you with the most efficient solution possible.

### Five Step Design Process

Outstanding design is a direct result of outstanding preparation. Our Five Step Design Process ensures that we are prepared to provide the best solution that includes:

1. Understanding the shipping environment
2. Defining product fragility
3. Selecting the correct cushioning material
4. Designing the prototype solution
5. Verifying the solution through testing

**Sealed Air**®  
BRAND PROTECTIVE PACKAGING

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