

EVERY FINISHED PART HAS A STORY

# FOAMS AND CONVERTING

Cutting Edge features broad foam material selection, and each type of foam offers a unique set of characteristics (cell density, friction coefficient, cost-effectiveness) that are ideal for particular shipping and storage needs. With our many converting capabilities, the options are endless.



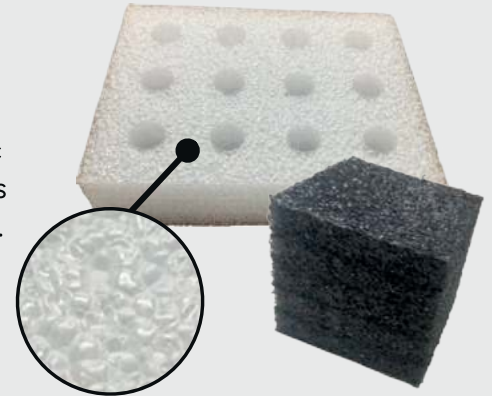
**SCAN ME**



## **Polyethylene Foam (PE)**

Durable. Lightweight. Resilient. Our PE Foam is fantastic for packaging industrial and agricultural goods due to its excellent vibration dampening and insulation properties.

*Available in sheet or roll form.  
Can be converted and cut.*



## **Cross-Linked Polyethylene Foam (XLPE)**

Our cross-linked PE foam is smoother than standard PE foam which prevents the scratching of Class A surfaces. Available in a wide range of thicknesses, densities, and chemical compositions, it's also good for high temp applications, and laminates well to PSA.

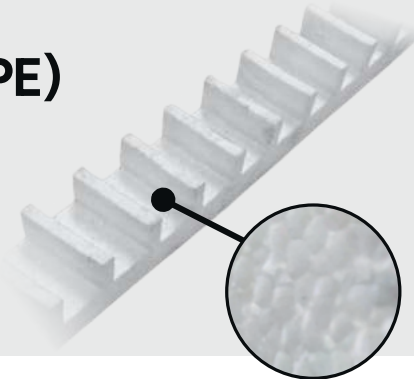
*Available in various thicknesses and densities.*



## **Expanded Polyethylene Foam (EPE)**

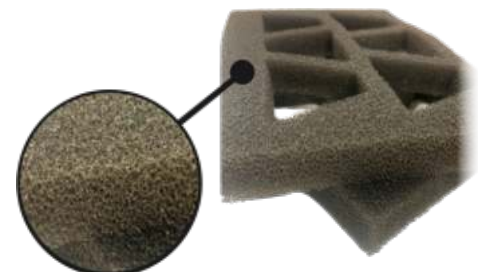
Our EPE foam is used across many industries because of its high resiliency, cushioning ability, easy fabrication and class A compatibility. It's hard to go wrong with our EPE foam products.

*Available in various thicknesses and densities.*



## **Specialty Foams**

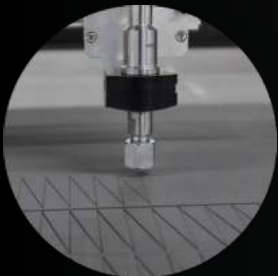
We offer an extensive array of top-tier foam materials including Neoprene Blends, Poron, EDPM Foam, Urethane Foam, and PVC Foam, all tailored to meet the demands of various industries.



# OUR FOAMS COLLECTION

Product	 PE Foam	 XLPE Foam	 EPE Foam	 Specialty Foams
Applications	<ul style="list-style-type: none"> <li>• Returnable Packaging</li> <li>• Foam Dunnage</li> <li>• Flotation Equipment</li> <li>• Gaskets &amp; Seals</li> <li>• Expansion Joints</li> <li>• Skid Runners</li> <li>• TV &amp; Electronics</li> <li>• Separator Sheets</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive Packaging</li> <li>• Returnable Packaging</li> <li>• Foam Dunnage</li> <li>• Flotation Equipment</li> <li>• Gaskets &amp; Seals</li> <li>• Expansion Joints</li> <li>• Skid Runners</li> <li>• Rifle Boxes</li> <li>• Die-Cut Foam Tapes</li> <li>• Protective Case Inserts</li> </ul>	<ul style="list-style-type: none"> <li>• Protective Packaging</li> <li>• Foam Dunnage                             <ul style="list-style-type: none"> <li>◦ (Expendable and Returnable)</li> </ul> </li> <li>• Blocking/Bracing</li> <li>• ESD and Anti-Static Protection</li> <li>• Case Inserts                             <ul style="list-style-type: none"> <li>◦ Lightweight and Rugged</li> </ul> </li> <li>• Returnable Containers                             <ul style="list-style-type: none"> <li>◦ For Thermal and Insulation Management</li> </ul> </li> <li>• Marine Flotation</li> <li>• Automotive Components</li> <li>• Sound and Lighting Equipment</li> </ul>	<p><b>Neoprene Blends</b></p> <ul style="list-style-type: none"> <li>• Gaskets &amp; Seals</li> <li>• Industrial Uses Requiring Flexibility</li> </ul> <p><b>EDPM Foam</b></p> <ul style="list-style-type: none"> <li>• Outdoor Applications</li> <li>• Automotive Seals</li> </ul> <p><b>Urethane Foam</b></p> <ul style="list-style-type: none"> <li>• Insulation &amp; Packaging</li> </ul> <p><b>PVC Foam</b></p> <ul style="list-style-type: none"> <li>• Construction</li> <li>• Automotive</li> <li>• Marine</li> </ul> <p><b>EPS Foam</b></p> <ul style="list-style-type: none"> <li>• Electronics</li> <li>• Retail</li> <li>• Foam Dunnage</li> </ul>
Thickness	1/32 - 4" thickness	1/32 - 4" thickness	1/2 - 4" thickness	Varies
Density	1.2 - 6 lbs / cubic ft	2 - 15 lbs / cubic ft	1.3 - 4.6 lbs / cubic ft	Varies
Class A Compatible	No	Yes	Yes	Varies
Foam Traits	<ul style="list-style-type: none"> <li>• Closed Cell</li> <li>• Durable</li> <li>• Lightweight</li> </ul>	<ul style="list-style-type: none"> <li>• Closed Cell</li> <li>• Low Moisture Permeability</li> <li>• High Buoyancy</li> </ul>	<ul style="list-style-type: none"> <li>• Very Flexible</li> <li>• High Resiliency</li> <li>• Easy Fabrication</li> </ul>	<ul style="list-style-type: none"> <li>• Automotive Spec Driven</li> <li>• Can Be Laminated to Various Adhesives</li> </ul>
Other Properties	<ul style="list-style-type: none"> <li>• Vibration Damping</li> <li>• Insulating</li> <li>• Chemical Resistance</li> <li>• Moisture Resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Laminates Well to PSA</li> <li>• Good for High Temps</li> </ul>	<ul style="list-style-type: none"> <li>• Can Withstand Repetitive Deformations and Still Maintain Its Dimensions and Cushioning Ability.</li> </ul>	<ul style="list-style-type: none"> <li>• Varies Per Foam Type, Density, and Application</li> </ul>

## Capabilities



5-Axis Waterjet Cutting



Hand Part Assembly



Adhesive Lamination

### PLUS MORE!

- Die Cutting (Rotary and Flat-Bed)
- Packaging & Dunnage
- Bagging & Pouching
- Foam & Bubble Sheeting
- Custom Kitting & Packaging
- Custom Design

SCAN for more information

