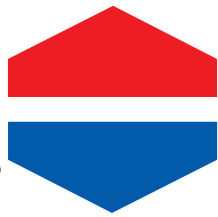


American  
Excelsior  
Company®



*SINCE 1888*

# FOAM FABRICATION





## About American Excelsior Company

**Founded in 1888**, American Excelsior Company boasts a rich history in the packaging industry. Today, AEC also provides solutions for engineered foam and erosion control. For more than 135 years, American Excelsior's philosophy has remained the same: deliver quality products in a timely manner. Since the company's inception, the products have changed, but AEC's philosophy has remained constant.

American Excelsior got its start by producing wood excelsior – stranded wood fibers manufactured from aspen trees – for use as protective packaging in wood crates and as filling material for bedding and furniture products. Today, American Excelsior operates the largest excelsior mill in the country, located in Rice Lake, Wisconsin.

As the industry developed new packaging materials and solutions, AEC continuously adapted, manufacturing and marketing the latest products for each decade – wood excelsior in the early 1890s, cotton batting in the 1920s, excelsior pads in the 1940s, foam rubber in the 1950s, polyurethane foam in the 1960s, polystyrene loose fill in the

1970s, starch-based packaging and molded polyurethane products in the 1990s and new viscoelastic foams for seating along with new innovations for erosion and sediment control in the 2000s.

Today, American Excelsior has 5 production facilities across the United States, and provides “same source” locations close to major volume customer accounts, as well as offering smaller customers personalized service. Our foam fabricators have a wealth of industry knowledge and experience which they share with our customers every day – from reviewing blueprints to designing parts and developing prototypes. AEC's custom foam operations are used by a number of industries for a wide range of products, including, but not limited to: packaging, cushioning, medical, transportation and molded solutions.

Contact us today to explore how one of our foam solutions can enhance your applications, improve product experiences, and protect sensitive components.



# FOAM PACKAGING SOLUTIONS

Flexible foams play a pivotal role in the packaging industry, renowned for their unique ability to provide structural support while effectively mitigating shock and dampening vibrations. With an extensive portfolio of engineered foam solutions, complemented by our decades of industry experience, our primary objective is to establish a collaborative partnership with our clients, ensuring the fulfillment of specific performance requirements, all while adhering to budget constraints.

Recognizing that a universal product may not cater to the multifaceted needs of diverse applications, our expert team adopts a "product-neutral" approach. This approach empowers us to engage with clients right from the initial stages of project evaluation. By prioritizing the client's requisites, we present a range

of versatile options that facilitate the optimal selection of products, fostering enhanced performance and cost-efficiency.

For an in-depth assessment of your ongoing project or application, we invite you to schedule a consultation with one of our knowledgeable representatives. This step will play a pivotal role in guiding the selection of the most suitable product for production, tailored to your precise requirements.

## APPLICATIONS

End-Caps  
Anti-Static Foams  
Flocking (Simulated Velvet)  
Dunnage Solutions  
Vibration Control  
Glue Foam to Corrugated  
Case Inserts  
Die Cutting  
Convolting  
and More!



# FOAM CUSHIONING SOLUTIONS

One of the first applications for flexible foams was its use for personal comfort such as furniture cushions and bedding mattresses, replacing rubberized hair and cotton. American Excelsior Company was one of the first fabricators to introduce flexible foam fabrication techniques for these markets back in the late 1950's.

Today's American Excelsior Company is using this history, success and expertise to be a leader in understanding the

demands of the finished product and the consumer challenges put on the manufacturers of the products they market.

With design teams, superior service, and unparalleled quality, our people know and understand these markets and the manufacturing process of our customers. All of this allows us to be better partners at providing solutions to assure that the demands of the finished products are being met.

To meet these demands, you cannot offer one product and try to make it fit every application, so American Excelsior offers a variety of products which allow our customer the opportunity to concentrate on make the ultimate product choice for their application.

## APPLICATIONS

High-Resilient (HR) Foam  
Pet Beds  
Dock Seals  
Athletic Padding  
Furniture  
Seating  
Packaging  
Reticulated / Drainable  
Medical  
Bedding  
and More!



# FOAM MEDICAL SOLUTIONS

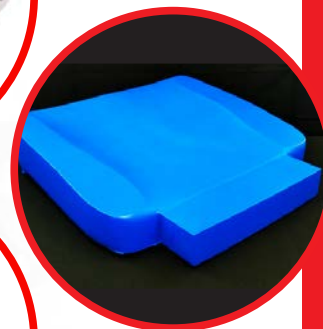
In the ever-evolving field of healthcare, the importance of reliable and high-performance materials cannot be overstated. American Excelsior Company stands at the forefront of innovation, offering a wide spectrum of cutting-edge medical foam solutions. Our mission is to enhance patient comfort, safeguard medical devices, and ensure the utmost quality and safety in healthcare applications. With a legacy that spans over a century, we bring unparalleled experience to the table. Our expertise in the field of medical foam is rooted in a deep understanding of the unique demands of the healthcare industry. We continually strive to improve patient experiences and optimize the performance of medical devices. We understand that one size does not fit all in the complex world of healthcare. That's why we take a personalized approach to our medical foam solutions.

Our expert teams work closely with you to ensure that the specific demands of your medical application are not only met but exceeded.

By choosing American Excelsior Company for your medical foam solutions, you are not just selecting a product; you are choosing a partner dedicated to your success in the healthcare industry. Our commitment to innovation and quality is unwavering, and our expertise is at your service to elevate healthcare.

## APPLICATIONS

Mattresses  
Wheelchair Pads  
Pressure Relief  
Bed Toppers  
Cervical Collars  
Bedside Mats  
Instrument Protection  
Positioning Blocks  
Spray Vinyl Coating  
and More!



# FOAM TRANSPORTATION SOLUTIONS

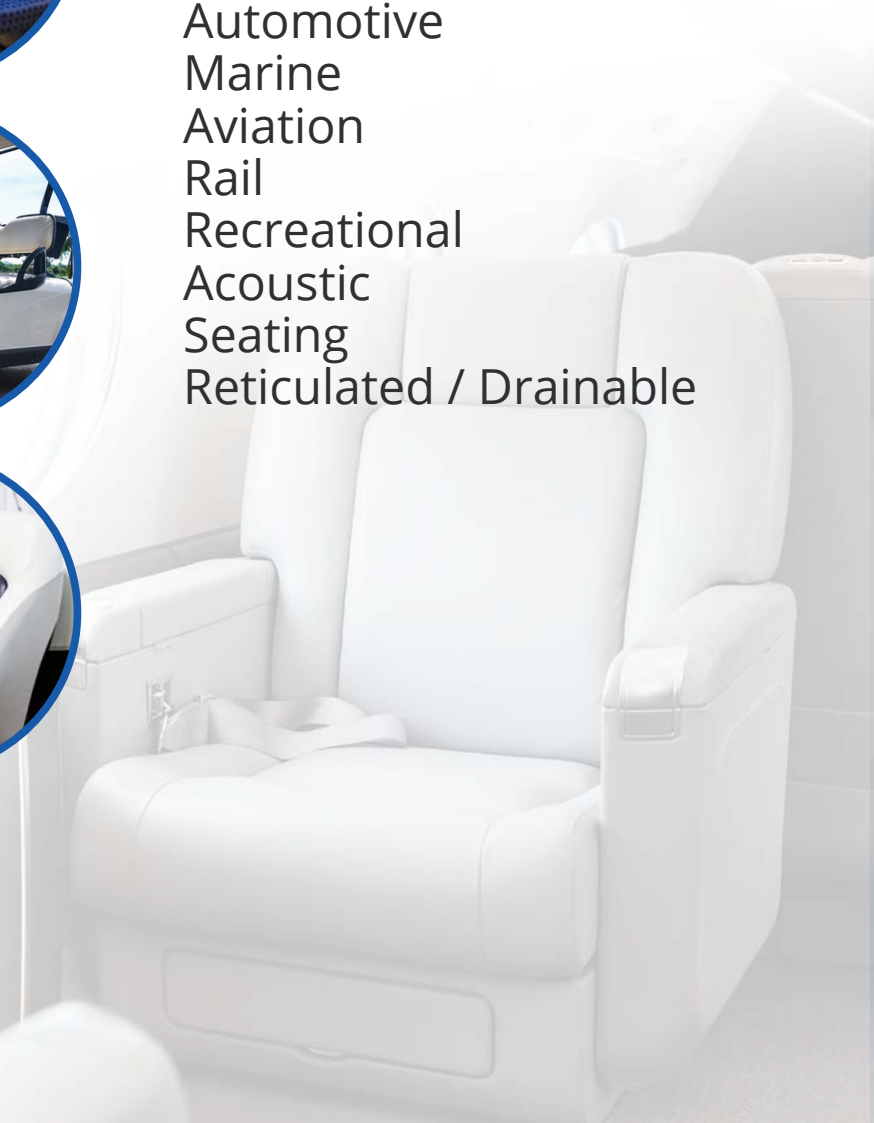
The transportation industry demands precision, durability, and safety in every component, especially in foam solutions. American Excelsior Company proudly leads the way with a comprehensive portfolio of cutting-edge transportation foam solutions. Our mission is to enhance the comfort and safety of passengers, safeguard valuable cargo, and ensure the highest standards of performance in the transportation sector. Our transportation foam

solutions are engineered to excel in various modes of transport. Whether it's enhancing the comfort and safety of passengers in automotive seating, optimizing the performance of cargo protection, or ensuring the integrity of electronic components in aerospace, our foam products are versatile and purpose-built.

With a spectrum of foam types and densities, we empower you to select the ultimate product for your unique application, maximizing both performance and value.

## APPLICATIONS

Automotive  
Marine  
Aviation  
Rail  
Recreational  
Acoustic  
Seating  
Reticulated / Drainable



# FOAM MOLDED SOLUTIONS

In a world of intricate designs and innovative solutions, the importance of precise molded foam cannot be underestimated. American Excelsior Company proudly leads the way with an extensive portfolio of molded foam solutions. Our commitment is to meet the diverse needs of industries, delivering exceptional precision and quality in each application.

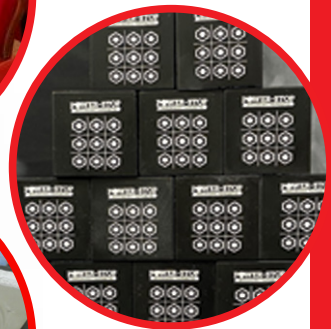
American Excelsior Company is a leading provider of polyurethane foam molding solutions. Our advanced manufacturing facilities are equipped with state-of-the-art machinery and technologies, enabling them to deliver high-quality and precise foam molding solutions. We offer a wide range of polyurethane foam products, including custom-molded components, cushioning, packaging, and specialty foam applications. Our team of skilled engineers and technicians work closely with clients to understand their specific requirements and provide tailored solutions to meet their unique needs. With a strong emphasis on quality control and rigorous testing procedures, they ensure that every product meets or exceeds industry standards. Whether it's for automotive, marine, medical, recreational or

general industrial applications, American Excelsior Company's polyurethane foam molding capabilities provide reliable and efficient solutions for diverse industries.

Contact us today to explore how our molded foam solutions can enhance your applications, improve product experiences, and protect sensitive components.

## APPLICATIONS

Medical  
Seating  
Furniture  
Novelty Items  
Transportation  
Marine  
High-Density  
and More!





**SERVICES:**

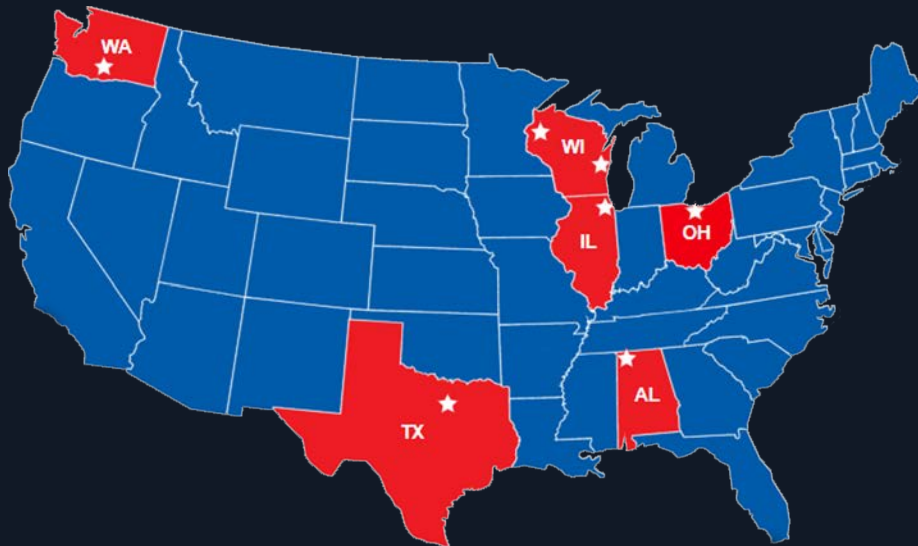
CNC Cutting  
Die Cutting  
Vinyl Coating  
Compression Molding  
PSA - Pressure Sensitive  
Adhesive  
Assembly  
Injection Molding  
Convoluting  
Design and Prototyping

**PRODUCTS:**

Flexible Polyurethane  
Foams (Polyether /  
Polyester), Low and High  
Density Polyethylene  
Foams, Cross Link  
Polyethylene, Neoprene,  
Flotation Foams, Military  
Foams, Combustion  
Modified Foams, Latex  
Foams, Anti-Static, Flocking  
/ Velvet, Reticulated (filter)  
Foam, Returnable  
Dunnage, Medical Foams

**APPLICATIONS:**

Automotive, Furniture,  
Bedding, Recreational,  
Novelty, Packaging,  
Cosmetic, Display, Marine,  
Industrial, Gasketing,  
Acoustical, Vibration Control,  
Protective Cushioning,  
Filtering, Medical, Clothing,  
Crash Pads, Mass Transit,  
Aviation and Aerospace



Yakima, WA | Rice Lake, WI | Sheboygan, WI | West Chicago, IL  
Norwalk, OH | Florence, AL | Arlington, TX

American Excelsior Company manufactures a wide variety of products used for many industries, including:

- Flexible Foams for comfort, cushioning, and protection.
- Erosion & Sediment Control products to reduce soil erosion and sediment runoff.
- Wood Fibers for packaging, evaporative cooling, display, archery targets, filtration, and many other specialty applications.

**(800) 326-3626 | [www.americanexcelsior.com](http://www.americanexcelsior.com)**