

# Innovation for Aircraft Interior Cabins Starts Here.

Cutting-edge Solutions for Manufacturing Lightweight Aerospace Components

# Making Aircraft Lighter, Stronger, and Quieter.

At L&L Products, we understand the unique challenges facing the aerospace industry. Lightweight materials, structural durability, and compliance with stringent safety regulations are paramount for delivering next-generation solutions for aerospace interiors. Our Advanced Composite Solutions not only address these needs but also set new benchmarks in safe handling, efficiency, and performance.

## Key Industry Challenges.

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### 1. Lightweighting

Reducing weight is critical to fuel efficiency, operational cost savings, and overall environmental impact. Aircraft interiors demand lightweight materials that don't compromise strength and safety.

### 2. Safe & Easy Handling

Our Advanced Composite Solutions provide safe handling with no CMR substances or pungent odors.

### 3. FST Compliance

Our products meet and exceed global safety standards, ensuring compliance with FAA and EASA Fire, Smoke, and Toxicity (FST) regulations for passenger safety.

### 4. Production Efficiency

Time-to-market is a key driver in aerospace production. Manufacturers need streamlined solutions that improve efficiency and reduce costs while maintaining exceptional quality.

## Why We Lead the Way.

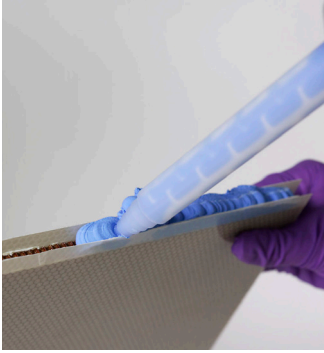
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L&L Products is redefining what's possible in the aerospace industry. Our proven track record, expert engineering, and commitment to innovation make us the trusted partner for interior cabin manufacturers worldwide.





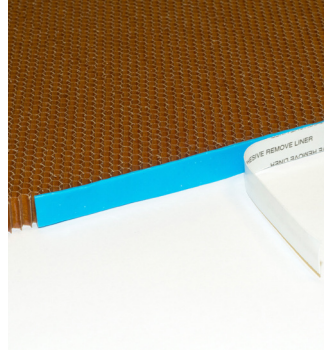
## Process Optimization.



Easy to Apply



Long Shelf Life



Reduced Post-  
Process Machining

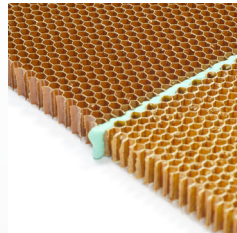


No Mixing or  
Weighing of Separate  
Components

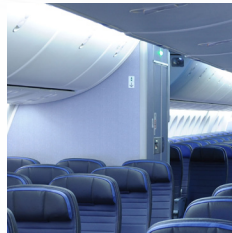
## Application Areas.



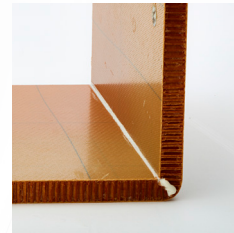
Bracket & Insert  
Bonding



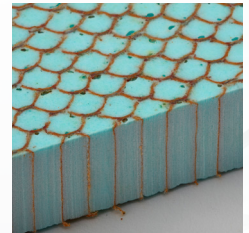
Panel Bonding



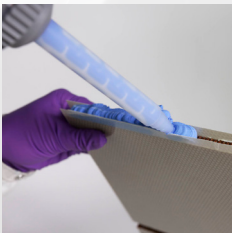
Panel Assembly



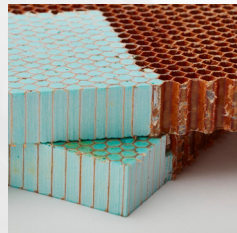
Cut-and-Fold  
Operations



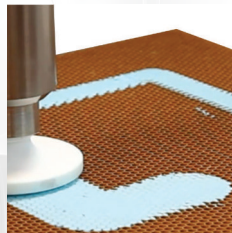
Gap & Void Filling



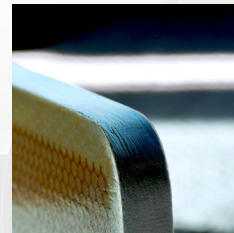
Edge Finishing &  
Close Out



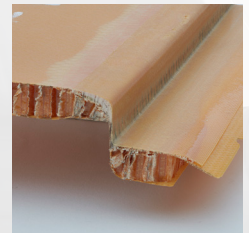
Honeycomb  
Filling & Bonding



Local  
Reinforcements

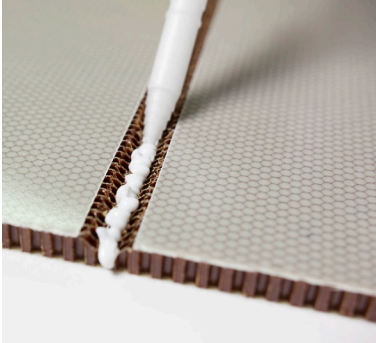


Radius  
Enhancement



Core Splicing

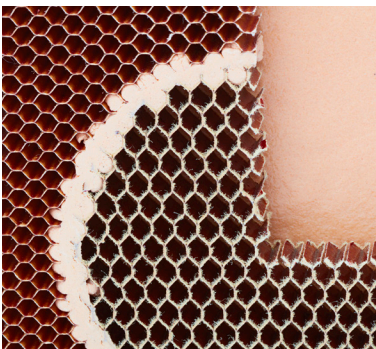
# Advanced Solutions for Aerospace Interiors.



## FST Composite Adhesives

High-performance adhesives for multi-material bonding. Our FST-compliant adhesives enable seamless bonding of honeycomb cores, thermoplastics, and metals with no CMR substances for safe handling, ensuring strong, durable connections for cabin interiors.

**Key Benefits:** *High mechanical strength, reduced machining, and simplified certification.*



## Honeycomb Reinforcement Solutions

Innovative materials for localized reinforcement and edge filling. From core splicing to radius enhancements, our reinforcement pastes and foaming adhesives provide exceptional strength and durability without adding unnecessary weight.

**Key Benefits:** *Lightweight, machinable, and faster curing times.*



## InsituCore® Technology

A streamlined manufacturing process for precision composite parts with foam core. InsituCore offers a simple and efficient way to produce netshape, 3D parts using pressure generated in the mold cavity.

**Key Applications:** *Seat structures, cabin panels, and localized reinforcements.*

**Key Benefits:** *Lightweight and energy-efficient.*

## Why L&L Products?

**Innovation:** Redefining composite solutions with advanced technologies.

**Advanced Engineering & Materials Science:** Unique experience to create tailor-made solutions and provide value for aerospace applications.

**Compliance:** Fully aligned with FAA and EASA fire safety regulations.

## Let's Collaborate.

Ready to elevate your aerospace interiors?

Visit [lproducts.com](https://lproducts.com) to learn how our technologies can transform your manufacturing processes.