L&L REINFORCE
FST-COMPLIANT FOAMING ADHESIVES

For Honeycomb Core Finishing Applications.

L&L Products Fire Smoke & Toxicity (FST) Compliant Foaming Adhesives have been developed for a range of honeycomb core finishing operations. In addition to core splicing, they can be readily used for local reinforcement, edge close out, and radius enhancement.

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Sandwich Panel Bonding for Aerospace Applications.

Our series of FST Foaming Adhesives solves the issue by enabling a quick and easy way to trim honeycomb interior panel edges. Their tacky nature means that no additional adhesive is required to pre-bond to the honeycomb.

Different formulations are available to provide full compatibility with the processing methods (autoclave, oven, and press) and the cure cycles used in the manufacture of aircraft interiors. When cured at a range of 250°F to 350°F, our FST Foaming Adhesives can expand from 100 to 500% of their original volume. This versatility allows for filling voids and providing an edge that can be finished to optimal fit and coating specifications.

The predictable post-cure density provides a uniform material specification for the finished panels and can be saw-cut, laser-cut, milled, sanded, or lathed to meet the demanding fit and finish requirements of our customers.
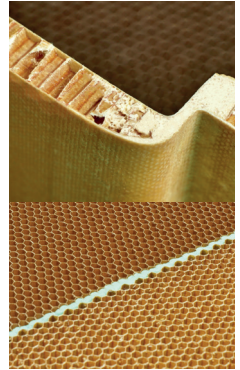
Our lightweight FST Foaming Adhesives are applied in tape form. The material foams when it cures for a strong, lightweight bond.

KEY PRODUCT ATTRIBUTES

STRONGER
- High strength bonding
- No additional adhesive is needed to pre-bond the material to the honeycomb core

LIGHTER
- Lightweight with high foaming to fill voids with minimal material

PROCESS OPTIMIZATION
- Machinable edge and fit
- Available in various cured densities
- Formulated to meet current cure schedules

SAFE & EASY HANDLING
- FST regulation compliant - ABD0031, FAR/JAR 25.853
- No carcinogenic, mutagenic, or reproduction toxic (CMR) substances

APPLICATION AREAS

Typical applications include core splicing, edge close-out, local edge reinforcement, and radius reinforcement.