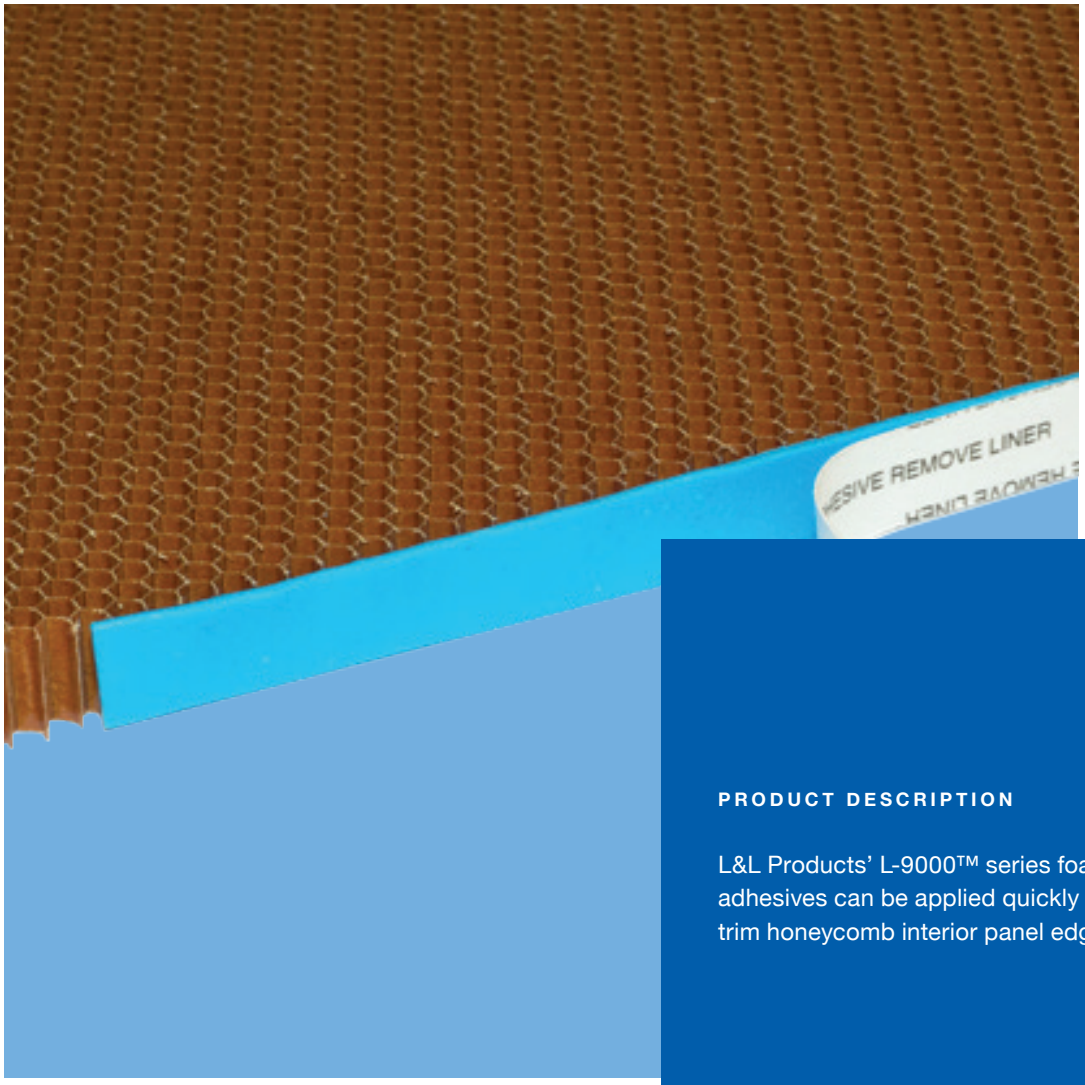
L&L Products

TECHNICAL DATA SHEET

SOLUTION
L&L Bond

VERSION
January 2022

L-9000™ Series
FST Foaming Adhesive Technology.



FST

PRODUCT DESCRIPTION

L&L Products' L-9000™ series foaming adhesives can be applied quickly and easily to trim honeycomb interior panel edges.

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Product Description

Interior panel edge close out is a time and labor intensive process.

L&L Products' L-9000™ series foaming adhesives can be applied quickly and easily to trim honeycomb interior panel edges. Curing these products at a range of 250°F to 350°F, the L-9000™ foaming adhesives can expand from 100-500% of their original volume.

This versatility allows for filling voids and providing an edge that can be finished to optimal fit and finish specifications.

The predictable post-cure density provides uniform material specification for your finished panels and can be saw-cut, lasercut, milled, sanded or lathed, to meet your demanding fit and finish requirements.

L-9000™ can also be potted into structures and provide local reinforcements.

Key Product Attributes

- Machinable edge and fit
- Tape material is easy to apply
- Cycle time reduction
- Available in various cured densities
- Formulated to meet current cure schedules
- Adds strength for local reinforcement
- Ease of assembly
- High strength bonding

Typical Application Areas

- Core splicing
- Edge close out
- Local edge reinforcement
- Radius enhancement
- Void filing
- Panel assembly
- Insert bonding
- Bracket bonding
- Aircraft interiors

Technical Data

The following information and data should be considered typical and should not be used for specification.

		L-9001	L-9003	L-9009	L-9013
Physical Properties	Average Cured Density	0.50 g/cc	0.25 g/cc	0.60 g/cc	0.25 g/cc
	Average Expansion*	Up to 160%	Up to 450%	Up to 120%	Up to 500%
Mechanical Properties	Compressive Strength	13 MPa / 1,884 psi	4.8 MPa / 695 psi	19 MPa / 2,750 psi	4.5 MPa / 660 psi
	Compressive Modulus	0.6 GPa / 87 Ksi	0.25 GPa / 36.3 Ksi	0.63 GPa / 91.4 Ksi	0.25 GPa / 36.3 Ksi

*For bake at 275°F for 20 minutes