

## Aircraft Core Splice Adhesives

L&L Products Aircraft Core Splice Adhesives have been developed for a range of honeycomb core finishing operations. In addition to core splicing they can be readily used for edge close out and radius enhancement. 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.

Depending on which formulation is chosen and what cure cycle is used, expansion rates can range from 30% to 400%.

L&L Core Splice Adhesives are available in both sheet form and as extruded beads. The sheet material can be supplied in thicknesses from 1 to 10 mm (0.05 in. – 0.4 in.). The extruded bead material is available in round or square cross sections in order to more accurately meet any specific geometry parameters. Their tacky nature means that no additional adhesive is required to pre-bond to the honeycomb.

### Key Product Attributes

- *FST regulations compliant*
- *Lightweight*
- *Cure smooth, reduced post processing machining*
- *Thermo-foaming materials*
- *Multiple final densities available*
- *Compatible with a broad range of honeycombs and phenolic and epoxy prepregs*
- *Pressure sensitive adhesive*

### Typical Application Areas

- *Core splicing*
- *Edge close out*
- *Local edge reinforcement*
- *Radius enhancement*

