



### Overview

With the revolution in smart mobile and wearable communication products, semi-flexible circuits have become a preferred design solution for complex, three-dimensional product assembly, and advanced component surface mounting demands. Multek provides the industry-leading expertise to meet these needs, through our integration of high-volume High Density Interconnect rigid board technologies with advanced flexible circuit layering.

### Features

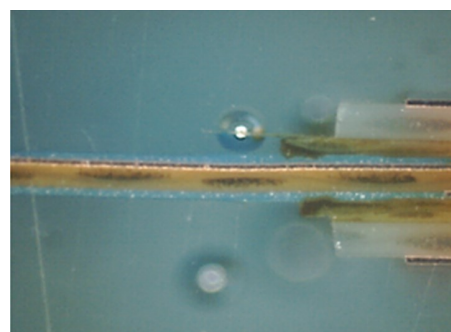
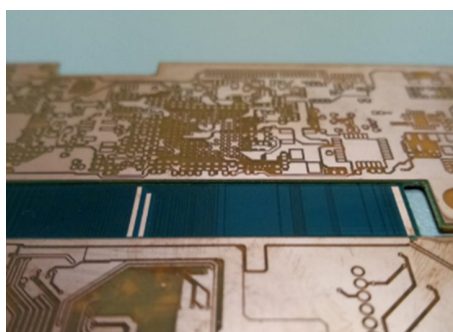
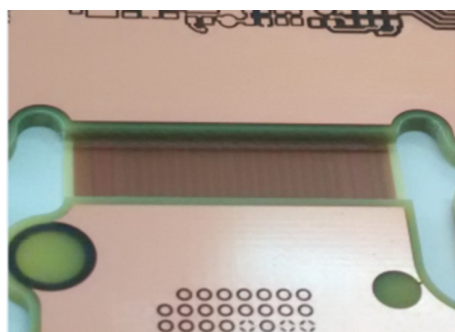
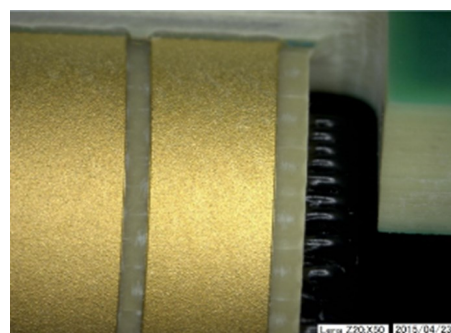
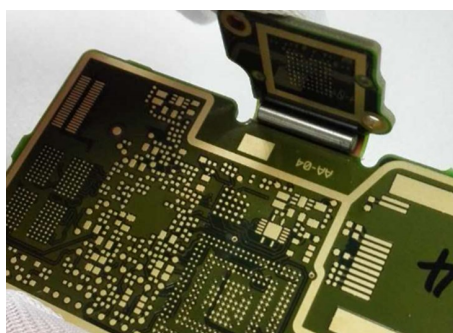
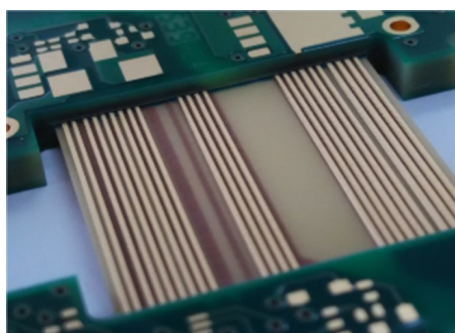
- No dielectric damage in bend area
- Tight dielectric thickness control in bend area
- Inner or outer bending layer
- Solder mask or coverlay can cover bend area

### Applications

- Flex-to-install application
- Limited bending cycles
- Large bending radius

### PCB Designs:

#### Semi-Flex PCB Designs



### About Multek

Multek, a wholly owned subsidiary of Flex (NASDAQ: FLEX), is a leading value-add manufacturer of printed circuit board technologies offering a broad spectrum of PCB engineering and manufacturing expertise including high density interconnect, multilayer, flexible circuit and assembly solutions. Built upon a foundation of rapid response, technology leadership and high reliability solutions for PCB fabrication electronics design and manufacturing, Multek enables customers to take products to market quickly through early engineering, advanced technology new product introduction, and volume production through a full range of high-performance products, materials, and solutions. For more information, please email [sales.pcb@multek.com](mailto:sales.pcb@multek.com) or visit [www.multek.com](http://www.multek.com).