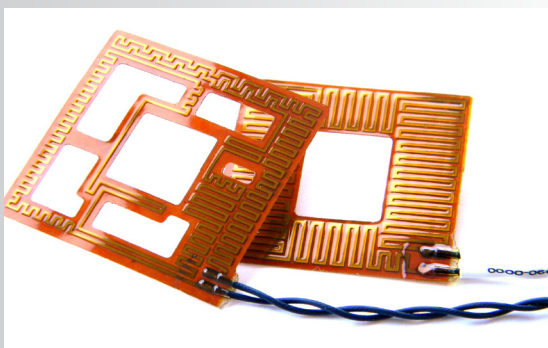
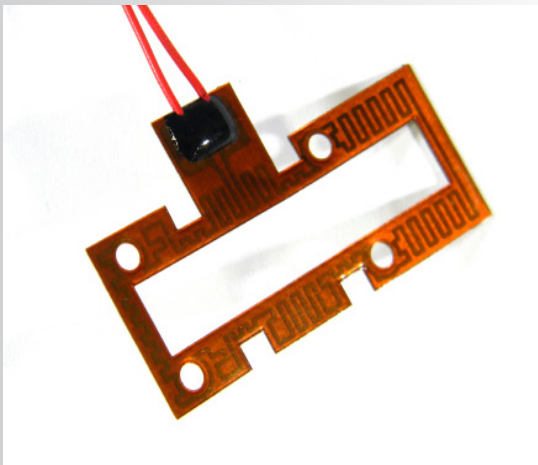
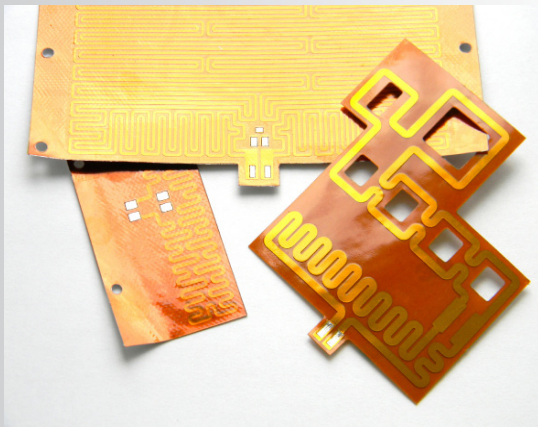




**BIRK**

Engineering Thermal Solutions

## Kapton® Heating Solutions



### **Birk Manufacturing heaters are designed to provide:**

- **Maximum temperature capability (up to 500°F)**
- **Rapid thermal recovery**
- **Very even heat distribution**
- **Integrated thermal switches, sensors, and cut-offs**
- **Formed heaters for curved heating surfaces**
- **Custom shapes and sizes up to 6" x 65"**

### **Innovating to Support Many Industries**

Birk supplies heaters to leading manufacturers in the medical, defense, aerospace, food service and semiconductor industries. Birk uses many types of Kapton® with two bonding systems. An FEP Teflon® which is a thermo flow polymer and a thermo flow acrylic. The FEP bonded Kapton® has a continuous temperature capability of 500°F (260°C), the acrylic bonded Kapton® has a continuous temperature capability of 250°F (120°C).

### **Primary Uses: Chemical Detection, Medical, Defense, Semiconductor Manufacturing.**

Birk builds Kapton® heaters into assemblies which include sensors, heat sinks, fuses, probes and electronics. Many of these products are completely assembled and tested at Birk and shipped directly for our customer's inventory.

### **Custom Designs, Prototypes Fast**

Birk specializes in "engineered solutions", not ordinary products you can get elsewhere. Our design team thrives on developing innovative approaches to complex problems. Our continuing implementation of Lean Processes allows us to deliver prototypes in days or weeks, where others quote months. Each thermal system is custom designed to meet the specific requirements of each integrated circuit under test.

### **What Can Birk Do For You?**

**For more information visit [www.birkmfg.com](http://www.birkmfg.com), call 860.739.4170 or email [sales@birkmfg.com](mailto:sales@birkmfg.com).**