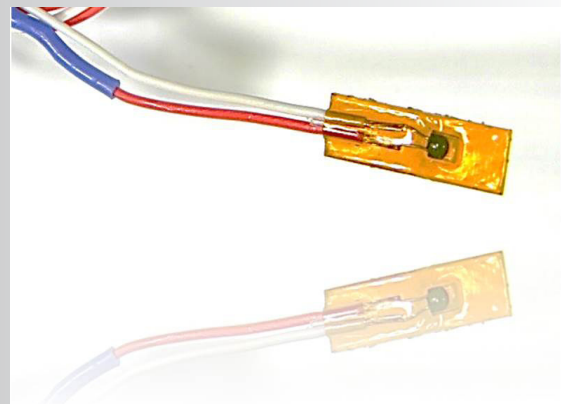
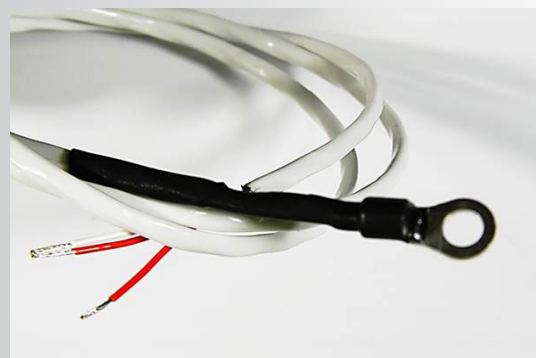


## Sensors and Sensor Assemblies Product Line



### **Birk Manufacturing sensors and assemblies are designed to be:**

- **Integrated with flex circuit to have plug and play**
- **Insulated with silicone, Kapton® or mica**
- **Calibrated in a water bath**

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

Birk currently produces sensors (thermocouples and etched foil) and sensor assemblies (RTD, thermistor, etched foil, flex circuits, thermocouples, etc.) for many of its existing customers in the medical, defense, food service and semiconductor industries. Birk is now excited to offer their new line of Sensors and Sensor Assemblies.

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

Birk builds sensors into our custom Kapton®, silicone and mica heater assemblies and can provide in-house testing of sensors and assemblies both at room temps and at elevated temps. Birk can also integrate multiple types of connectors. Machined parts with RTDs and thermistors assist customers with calibration of their final assembly.

### **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).**