



Cicoil Silicone Cables and Cable Assemblies are used in a wide variety of medical applications, including automated medical equipment, medical robotics, testing equipment, and also human medical devices like hearing aids.

Our flexible Silicone cables provide numerous benefits in medical applications:

### **Performance**

- Cables last tens of millions of cycles in flexing applications, resulting in long life and superior reliability
- Water, steam (autoclave) and chemically resistant
- Eliminate costly cable tracks
- Conductors as small as 44 AWG allow flat cables for micro-machinery and other miniature electronic applications

### **Quality**

- ISO 9001 (AS9100) Quality System, all cable assemblies are 100% electrically tested before shipment, ensuring optimum performance

### **Versatility**

- Extreme flexibility reduces the space needed for cabling, thereby reducing equipment size
- Silicone is approved for most medical applications, and medical grade cables for human implant use are also available
- Combine conductors and hollow tubing in the same cable, simplifying design and packaging

### **Customers**

Cicoil supplies cables and cable assemblies to many leading medical equipment and device manufacturers, including the following:

- GE Medical
- Siemens Medical
- Sleep Apnea Device Manufacturers
- Robotic Lab Testing Equipment Manufacturers
- Hearing Device Manufacturers
- Pharmacy Robot Manufacturer