



Cicoil Flexx-Sil™ Flat Cable and Cable Assemblies have been used by most major semiconductor equipment manufacturers, in some of the most demanding applications in the industry. Wafer robots, deposition equipment, cleaning robots, and wafer inspection are some of the applications that use Cicoil cables.

Cicoil's Flexible Flexx-Sil™ cable provides numerous benefits to semiconductor equipment manufacturers:

### **Performance**

- Cables last tens of millions of cycles in flexing applications, resulting in superior equipment uptime and reliability
- Water (including Deionized Water) and chemically resistant
- Class 100 and below clean-room compatible, as the cables do not emit particulates
- Proven performance in hundreds of semiconductor equipment applications
- Eliminate costly cable tracks

### **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 overall machine size and footprint
- Flat cable design allows power, signal, and tubing in the same cable, for optimum design and packaging
- Optional Teflon® tubing integrated within the cable is ideal for pneumatic grippers, liquid dispensing, and vacuum applications
- Static dissipative cables available

### **Customers**

Cicoil supplies cable assemblies to most leading semiconductor equipment manufacturers, including the following:

- Applied Materials
- KLA-Tencor
- Brooks Automation
- Evolve
- Etel
- Flextronics
- Kulicke and Soffa
- Semitool
- Sieger
- VSEA (Varian)