

## Specialized Tubing

- Nickel-clad fused silica
- Stainless-clad PEEK®
- Nickel-clad PEEK®

### Nickel-clad fused silica

- Inert, flexible transfer lines
- Improved heat transfer

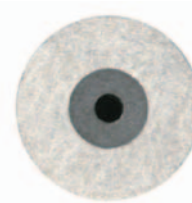
We take polyimide-coated fused silica (FS) and remove the polyimide layer. Then we electrochemically plate the FS with pure nickel. The resulting nickel-plated FS tube provides superior heat transfer to the FS lining, permitting use as a flexible transfer line with the best qualities of silica-lined stainless but with improved heat transfer and a shorter bend radius. The 1/32" OD tubing is available in IDs from .002" to .010". For high pressure applications, we recommend using our 1/32" 316SS ferrules.



.017" OD x .007" ID

### Stainless-clad PEEK

- 1/16" stainless steel with IDs from .005" to .030"
- Allows direct connection using metal ferrules
- Rated up to 20,000 psi (dependent on size and metal wall thickness)

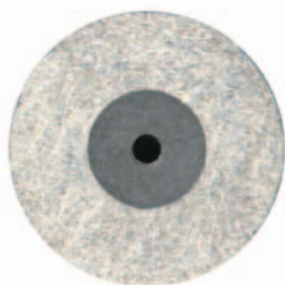


.040" OD x .020" ID

### Nickel-clad PEEK

- Permits use of PEEK tubing at 40,000 psi
- Direct connection with metal ferrules

Since we can manufacture virtually any size PEEK tubing from 360 micron OD/.002" ID on up, the possibilities are endless. In any size, the mechanical properties of nickel combined with the chemical properties of PEEK produce enhanced performance with robust metal ferrule connections. We currently offer 1/32" OD tubing with ID from .002" to .010", and 1/16" OD tubing from .0025" to .030".



1/32" OD x .004" ID



Visit [www.vici.com](http://www.vici.com) for more information, including sizes available.

