

## Tubing | PEEKsil™

### Fused Silica Lined PEEK

PEEKsil™ is constructed from a core of smooth precision bore fused silica tubing bonded to a PEEK outer sheath. It is manufactured to exacting tolerances of bore size and concentricity, for reproducible flow rates and reliable connections.

The separation achieved is easily lost in tubing and connectors as a result of dispersion. PEEKsil reduces dispersion and therefore loss of efficiency, sensitivity and resolution.

### Features and Benefits

- Inert smooth flow path, to minimize band broadening
- Precise inside bore diameter
- Flexible and robust
- Lower sample carry over
- Color coded for easy identification of internal diameter
- Perfectly square cut and polished ends
- Capable of withstanding high pressures
- Effective pH range of 0-10 (not compatible with hydrofluoric acid)
- Compatible with most organic solvents (unlike PEEK)

### Recommended Applications

HPLC and LC-MS.



### Product Specifications

PEEKsil is available in a variety of lengths and internal diameters catering for a wide range of system configurations and flow requirements.

#### PEEKsil Specifications

ID	OD	Tubing Lengths	Maximum Temperature
25 µm to 530 µm	1/32", 1/16" and 0.36 mm	50, 100, 150, 250, 500 mm. Custom lengths are also available on request	100 °C

#### PEEKsil ID Tolerances for 1/32 " and 1/16 " Tubing

ID	25 µm ± 1	50 µm ± 3	75 µm ± 3	100 µm ± 3	150 µm ± 5	175 µm ± 5	200 µm ± 5	300 µm ± 5	530 µm ± 10
Color Code	Orange	Beige (Natural)	Black	Red	Purple	Yellow	Blue	Grey	Bone White

For more information about this product visit [www.sge.com](http://www.sge.com) or contact [techsupport@sge.com](mailto:techsupport@sge.com).

PEEKsil™ manufactured under license from Agilent Technologies.