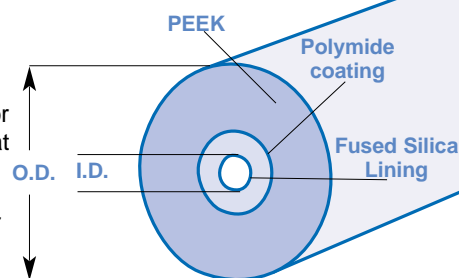


E16 SGE PEEKsil™ Tubing

SGE Fused Silica Lined PEEK™ Tubing

PEEKsil is polymer-sheathed fused silica tubing with an effective outside diameter of 1/32" or 1/16", and now in 0.36 mm. The sheathing polymer is polyether ether ketone (PEEK™) that is mechanically strong and has ideal characteristics for sealing with conventional metal or polymer ferrule systems. PEEKsil may be used as a direct replacement for PEEK tubing used in liquid chromatography systems. The new 0.36 mm OD material allows it to be used directly in place of 0.36 mm OD fused silica tubing.



Advantage of PEEKsil

- **Robust Tubing** - Ideal for capillary LC and LC/MS applications. All PEEKsil tubing rated to 10000 psi.
- **Smooth Wall Surface** - Smoother than stainless steel for excellent flow characteristics.
- **Solvent Compatibility** - PEEKsil is compatible with most organic solvents. PEEKsil is resistant to strong acids and has an effective pH range of 0 - 10.
PEEKsil is not compatible with hydrofluoric acid.
- **Inertness** - Fused silica has extremely low absorption characteristics and deactivated for critical chromatography applications.
- **Precision of I.D.** - The I.D. of fused silica tubing can be produced more precisely and with a greater range of sizes than stainless steel.
- **Zero Metal Contact in LC** - The sample and mobile phase do not come into contact with metal in PEEKsil tubing.
- **Ease of Connection** - PEEKsil is straight but flexible, making connections between columns, detectors and injectors easier than with stainless steel tubing.
- **Applications of PEEKsil** - Typical uses are in LC connecting lines, sample loops and sample lines.

Color Coded PEEKsil Tubing		
Color	I.D.	Tolerance
Orange	25µm	± 1 micron
Natural	50µm	± 3 micron
Black	75µm	± 3 micron
Red	100µm	± 3 micron
Purple	150µm	± 5 micron
Yellow	175µm	± 5 micron
Blue	200µm	± 5 micron
Grey	300µm	± 5 micron
Bone White	530µm	± 10 micron

► Tech Tip For more information and application notes on SGE PEEKsil Tubing please visit our web site at:

www.sisweb.com

Tubing Type	Part No.	I.D. (mm)	Length (mm)	Pkg/Qty	Price/pk	Tubing Type	Part No.	I.D. (mm)	Length (mm)	Pkg/Qty	Price/pk	
0.36 mm O.D.	0624371	0.025	50	2		1/16" O.D.	0624251	0.050	50	5		
	0624372	0.025	100	2			0624252	0.050	100	5		
	0624373	0.025	150	2			0624254	0.050	150	5		
	0624374	0.025	250	2			0624253	0.050	250	5		
	0624375	0.025	500	2			0624250	0.050	500	2		
	0624376	0.050	50	2			0624290	0.075	50	5		
	0624377	0.050	100	2			0624291	0.075	100	5		
	0624378	0.050	150	2			0624292	0.075	150	5		
	0624379	0.050	250	2			0624293	0.075	250	5		
	0624380	0.050	500	2			0624294	0.075	500	2		
	1/32" O.D.	0624241	0.025	50	2			0624301	0.100	50	5	
		0624242	0.025	100	2			0624302	0.100	100	5	
		0624243	0.025	150	2			0624304	0.100	150	5	
		0624245	0.025	250	2			0624303	0.100	250	5	
		0624249	0.025	500	2			0624300	0.100	500	2	
		0624261	0.050	50	2			0624230	0.150	50	5	
0624262		0.050	100	2		0624231	0.150	100	5			
0624263		0.050	150	2		0624232	0.150	150	5			
0624265		0.050	250	2		0624233	0.150	250	5			
0624269		0.050	500	2		0624234	0.150	500	2			
0624271		0.075	50	2		0624351	0.175	50	5			
0624272		0.075	100	2		0624352	0.175	100	5			
0624273		0.075	150	2		0624354	0.175	150	5			
0624275		0.075	250	2		0624353	0.175	250	5			
0624279		0.075	500	2		0624350	0.175	500	2			
0624311		0.100	50	2		0624202	0.200	50	5			
0624312		0.100	100	2		0624203	0.200	100	5			
0624313		0.100	150	2		0624205	0.200	150	5			
0624315		0.100	250	2		0624204	0.200	250	5			
0624319		0.100	500	2		0624201	0.200	500	2			
0624341		0.150	50	2		0624214	0.300	50	5			
0624342		0.150	100	2		0624215	0.300	100	5			
0624343		0.150	150	2		0624216	0.300	150	5			
0624345		0.150	250	2		0624217	0.300	250	5			
0624349	0.150	500	2		0624218	0.300	500	2				
1/16" O.D.	0624225	0.025	50	5		0624365	0.530	50	5			
	0624226	0.025	100	5		0624366	0.530	100	5			
	0624227	0.025	150	5		0624367	0.530	150	5			
	0624228	0.025	250	5		0624368	0.530	200	5			
	0624229	0.025	500	2		0624369	0.530	250	3			
						0624370	0.530	500	3			