

PEEKsil™ Tubing

- ▶ PEEK covered fused silica
- ▶ 360 µm, 1/32", and 1/16" outside diameters with a wide variety of inside diameters
- ▶ Precut to numerous standard lengths

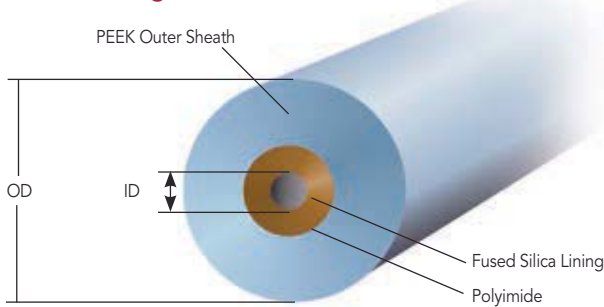


PEEKsil's sheathing is mechanically strong and has ideal characteristics for sealing with many styles of fittings. The fused silica core provides a consistent and rigid fluid pathway with very tight tolerances and industry-accepted chemical properties. Together, this makes PEEKsil tubing ideal for numerous applications. In fact, PEEKsil can be used as a direct replacement for conventional stainless steel or PEEK tubing in many analytical systems.

Like traditional fused silica tubing, PEEKsil has excellent chemical compatibility and extremely low adsorption characteristics, especially when compared with stainless steel.

Please Note: Do not cut this tubing. It should be used at its precut lengths because of permanent damage caused by conventional cutters.

PEEKsil Tubing



SPECIFICATIONS & DETAILS

Tubing OD	OD Tolerance	Tubing ID	ID Tolerance
360 µm	±0.0004" (10 µm)	25 µm	±0.00004" (1 µm)
1/32"	±0.0008" (20 µm)	50–100 µm	±0.00012" (3 µm)
1/16"	±0.0012" (30 µm)	0.15–0.30 mm	±0.0002" (5 µm)

Part No.	ID	Length	Color	Qty.
PEEKsil TUBING, 360 µm OD				
360255	25 µm (0.001")	5 cm (2")	Orange	2-pk
3602510	25 µm (0.001")	10 cm (4")	Orange	2-pk
3602515	25 µm (0.001")	15 cm (6")	Orange	2-pk
3602525	25 µm (0.001")	25 cm (10")	Orange	2-pk
3602550	25 µm (0.001")	50 cm (1.6')	Orange	2-pk
360505	50 µm (0.002")	5 cm (2")	Natural	2-pk
3605010	50 µm (0.002")	10 cm (4")	Natural	2-pk
3605015	50 µm (0.002")	15 cm (6")	Natural	2-pk
3605025	50 µm (0.002")	25 cm (10")	Natural	2-pk
3605050	50 µm (0.002")	50 cm (1.6')	Natural	2-pk
PEEKsil TUBING, 1/32" OD				
3255	25 µm (0.001")	5 cm (2")	Orange	2-pk
32510	25 µm (0.001")	10 cm (4")	Orange	2-pk
32515	25 µm (0.001")	15 cm (6")	Orange	2-pk
32520	25 µm (0.001")	20 cm (8")	Orange	2-pk
32550	25 µm (0.001")	50 cm (1.6')	Orange	2-pk
3505	50 µm (0.002")	5 cm (2")	Natural	2-pk
35010	50 µm (0.002")	10 cm (4")	Natural	2-pk
35015	50 µm (0.002")	15 cm (6")	Natural	2-pk
35020	50 µm (0.002")	20 cm (8")	Natural	2-pk

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Because PEEKsil tubing has fused silica tubing at its core, the pressure rating for this tubing is determined by the inner diameter of the tubing. The following chart highlights the Maximum Pressure values for this tubing, as determined by SGE International Pty, Ltd., the manufacturer of this tubing:

Tubing ID	Maximum Pressure	Tubing ID	Maximum Pressure
25 µm	25,000 psi (1,723 bar)	150–175 µm	8,500 psi (586 bar)
50 µm	20,000 psi (1,379 bar)	200–300 µm	6,000 psi (414 bar)
75–100 µm	15,000 psi (1,034 bar)		

The pressure ratings provided are indicative of the performance capabilities of the tubing. The actual pressure limits achievable will depend upon the fittings used, the quality of the receiving port, and other factors. Contact IDEX Health & Science or your authorized Distributor for more information.

Part No.	ID	Length	Color	Qty.
PEEKsil TUBING, 1/32" OD				
★ 35050	50 µm (0.002")	50 cm (1.6')	Natural	2-pk
3755	75 µm (0.003")	5 cm (2")	Black	2-pk
37510	75 µm (0.003")	10 cm (4")	Black	2-pk
37515	75 µm (0.003")	15 cm (6")	Black	2-pk
37520	75 µm (0.003")	20 cm (8")	Black	2-pk
37550	75 µm (0.003")	50 cm (1.6')	Black	2-pk
31005	100 µm (0.004")	5 cm (2")	Red	2-pk
310010	100 µm (0.004")	10 cm (4")	Red	2-pk
310015	100 µm (0.004")	15 cm (6")	Red	2-pk
310020	100 µm (0.004")	20 cm (8")	Red	2-pk
310050	100 µm (0.004")	50 cm (1.6')	Red	2-pk
31505	150 µm (0.006")	5 cm (2")	Purple	2-pk
315010	150 µm (0.006")	10 cm (4")	Purple	2-pk
315015	150 µm (0.006")	15 cm (6")	Purple	2-pk
315020	150 µm (0.006")	20 cm (8")	Purple	2-pk
★ 315050	150 µm (0.006")	50 cm (1.6')	Purple	2-pk
PEEKsil TUBING, 1/16" OD				
6255	25 µm (0.001")	5 cm (2")	Orange	5-pk
62510	25 µm (0.001")	10 cm (4")	Orange	5-pk
62515	25 µm (0.001")	15 cm (6")	Orange	5-pk
62520	25 µm (0.001")	20 cm (8")	Orange	5-pk
62550	25 µm (0.001")	50 cm (1.6')	Orange	2-pk
6505	50 µm (0.002")	5 cm (2")	Natural	5-pk
65010	50 µm (0.002")	10 cm (4")	Natural	5-pk
65015	50 µm (0.002")	15 cm (6")	Natural	5-pk
★ 65020	50 µm (0.002")	20 cm (8")	Natural	5-pk
65050	50 µm (0.002")	50 cm (1.6')	Natural	2-pk
6755	75 µm (0.003")	5 cm (2")	Black	5-pk
67510	75 µm (0.003")	10 cm (4")	Black	5-pk
67515	75 µm (0.003")	15 cm (6")	Black	5-pk
67520	75 µm (0.003")	20 cm (8")	Black	5-pk
67550	75 µm (0.003")	50 cm (1.6')	Black	2-pk
61005	100 µm (0.004")	5 cm (2")	Red	5-pk
610010	100 µm (0.004")	10 cm (4")	Red	5-pk
610015	100 µm (0.004")	15 cm (6")	Red	5-pk
610020	100 µm (0.004")	20 cm (8")	Red	5-pk
610050	100 µm (0.004")	50 cm (1.6')	Red	2-pk
61505	150 µm (0.006")	5 cm (2")	Purple	5-pk
615010	150 µm (0.006")	10 cm (4")	Purple	5-pk
615015	150 µm (0.006")	15 cm (6")	Purple	5-pk
615020	150 µm (0.006")	20 cm (8")	Purple	5-pk
615050	150 µm (0.006")	50 cm (1.6')	Purple	2-pk
61755	175 µm (0.007")	5 cm (2")	Yellow	5-pk
617510	175 µm (0.007")	10 cm (4")	Yellow	5-pk
617515	175 µm (0.007")	15 cm (6")	Yellow	5-pk
617520	175 µm (0.007")	20 cm (8")	Yellow	5-pk
617550	175 µm (0.007")	50 cm (1.6')	Yellow	2-pk
62005	200 µm (0.008")	5 cm (2")	Blue	5-pk
620010	200 µm (0.008")	10 cm (4")	Blue	5-pk
620015	200 µm (0.008")	15 cm (6")	Blue	5-pk
620020	200 µm (0.008")	20 cm (8")	Blue	5-pk
620050	200 µm (0.008")	50 cm (1.6')	Blue	2-pk
63005	300 µm (0.012")	5 cm (2")	Gray	5-pk
630010	300 µm (0.012")	10 cm (4")	Gray	5-pk
630015	300 µm (0.012")	15 cm (6")	Gray	5-pk
630020	300 µm (0.012")	20 cm (8")	Gray	5-pk
630050	300 µm (0.012")	50 cm (1.6')	Gray	2-pk