



## Tubing

### PEEK<sup>®</sup> tubing - natural

PEEK tubing has the strength required to withstand continuous use at HPLC pressure without swelling or bursting, and is not affected by halide salts, high strength buffers, or other aggressive mobile phases that corrode stainless steel. The polymer surface will not leach metal ions into the eluent or extract metal-sensitive components from the sample. Note however that dichloromethane, THF, and DMSO may cause swelling in PEEK, and concentrated nitric and sulphuric acid will attack PEEK.

OD and ID tolerances for our PEEK tubing are  $\pm 0.0005$ " for 360 micron and 1/32" tubing;  $\pm 0.0005$ " for 1/16" tubing with ID up to .010" and  $\pm 0.001$ " for IDs above .010"; and  $\pm 0.003$ " for 1/8".

#### Custom PEEK tubing

We now offer PEEK tubing custom-manufactured to meet your specific OD, ID, and color requirements. The OD range is .014" (360 micron) to 1/8", with a minimum ID of .002" for tubing up to 1/16" OD. (Maximum ID varies according to the OD.) Color coding can be solid or striped. For more information, contact [Valco Instruments](#) or [VICI AG International](#).

PEEK tubing product numbers

#### Product numbers

Select a tubing size to jump to product numbers

Pre-cut lengths (in feet)	Pre-cut lengths (in meters)	Custom lengths
<a href="#">360 micron OD</a>	<a href="#">360 micron OD</a>	<a href="#">360 micron OD</a>
<a href="#">1/32" OD</a>	<a href="#">1/32" OD</a>	<a href="#">1/32" OD</a>
<a href="#">1/16" OD</a>	<a href="#">1/16" OD</a>	<a href="#">1/16" OD</a>
<a href="#">1/8" OD</a>	<a href="#">1/8" OD</a>	<a href="#">1/8" OD</a>

#### Further reference

- [Solid color-coded PEEK tubing](#)
- [Striped color-coded PEEK tubing](#)

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- Dual layer PEEK tubing
- Clean-Cut polymer tubing cutter
- PEEK tubing elbows
- Tubing ID chart: Volume per length
- Electroformed nickel tubing
- Tubing in pre-cut lengths
  - Stainless steel
  - Polymeric
- Tubing in custom lengths
  - Metal
  - Polymeric

360 micron OD PEEK tubing in pre-cut lengths, feet

Tubing ID	Tolerance	psi*	Length	Product No.
.002"	±.0005"	5200	10 feet	TPK.102-10
			25 feet	TPK.102-25
			100 feet	TPK.102-100
.003"	±.0005"	5200	10 feet	TPK.103-10
			25 feet	TPK.103-25
			100 feet	TPK.103-100
.004"	±.0005"	5200	10 feet	TPK.104-10
			25 feet	TPK.104-25
			100 feet	TPK.104-100
.005"	±.0005"	5200	10 feet	TPK.105-10
			25 feet	TPK.105-25
			100 feet	TPK.105-100
.006"	±.0005"	5200	10 feet	TPK.106-10
			25 feet	TPK.106-25
			100 feet	TPK.106-100

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

1/32" OD PEEK tubing in pre-cut lengths, feet



Tubing ID	Tolerance	psi*	Length	Product No.
.0025"	±.0005"	5500	10 feet	TPK.502-10
			25 feet	TPK.502-25
			100 feet	TPK.502-100
.005"	±.0005"	5500	10 feet	TPK.505-10
			25 feet	TPK.505-25
			100 feet	TPK.505-100
.007"	±.0005"	5100	10 feet	TPK.507-10
			25 feet	TPK.507-25
			100 feet	TPK.507-100
.010"	±.0005"	5100	10 feet	TPK.510-10
			25 feet	TPK.510-25
			100 feet	TPK.510-100
.015"	±.0005"	4500	10 feet	TPK.515-10
			25 feet	TPK.515-25
			100 feet	TPK.515-100

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

1/16" OD PEEK tubing in pre-cut lengths, feet

Tubing ID	Tolerance	psi*	Length	Product No.
.002"	±.0005"	6100	10 feet	TPK102-10
			25 feet	TPK102-25
			100 feet	TPK102-100
.003"	±.0005"	6100	10 feet	TPK103-10
			25 feet	TPK103-25
			100 feet	TPK103-100
.004"	±.0005"	6100	10 feet	TPK104-10
			25 feet	TPK104-25



			100 feet	TPK104-100
.005"	±.0005"	6100	10 feet	TPK105-10
			25 feet	TPK105-25
			100 feet	TPK105-100
.006"	±.0005"	6100	10 feet	TPK106-10
			25 feet	TPK106-25
			100 feet	TPK106-100
.007"	±.0005"	5800	10 feet	TPK107-10
			25 feet	TPK107-25
			100 feet	TPK107-100
.010"	±.0005"	5600	10 feet	TPK110-10
			25 feet	TPK110-25
			100 feet	TPK110-100
.015"	±.001"	5000	10 feet	TPK115-10
			25 feet	TPK115-25
			100 feet	TPK115-100
.020"	±.001"	4500	10 feet	TPK120-10
			25 feet	TPK120-25
			100 feet	TPK120-100
.030"	±.001"	3500	10 feet	TPK130-10
			25 feet	TPK130-25
			100 feet	TPK130-100
.040"	±.001"	2400	10 feet	TPK140-10
			25 feet	TPK140-25
			100 feet	TPK140-100
.055"	±.001"	750	10 feet	TPK155-10
			25 feet	TPK155-25
			100 feet	TPK155-100

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)



1/8" OD PEEK tubing in pre-cut lengths, feet

Tubing ID	Tolerance	psi*	Length	Product No.
.060"	±.003"	3250	10 feet	TPK260-10
			25 feet	TPK260-25
			100 feet	TPK260-100

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

360 micron OD PEEK tubing in pre-cut lengths, meters

Tubing ID	Tolerance	psi*	Length	Product No.
.002"	±.0005"	5200	5 m	TPK.102-5M
			10 m	TPK.102-10M
			25 m	TPK.102-25M
.003"	±.0005"	5200	5 m	TPK.103-5M
			10 m	TPK.103-10M
			25 m	TPK.103-25M
.004"	±.0005"	5200	5 m	TPK.104-5M
			10 m	TPK.104-10M
			25 m	TPK.104-25M
.005"	±.0005"	5200	5 m	TPK.105-5M
			10 m	TPK.105-10M
			25 m	TPK.106-25M
.006"	±.0005"	5200	5 m	TPK.106-5M
			10 m	TPK.106-10M
			25 m	TPK.106-25M

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)



1/32" OD PEEK tubing in pre-cut lengths, meters

Tubing ID	Tolerance	psi*	Length	Product No.
.0025"	±.0005"	5500	5 m	TPK.502-5M
			10 m	TPK.502-10M
			25 m	TPK.502-25M
.005"	±.0005"	5500	5 m	TPK.505-5M
			10 m	TPK.505-10M
			25 m	TPK.505-25M
.007"	±.0005"	5100	5 m	TPK.507-5M
			10 m	TPK.507-10M
			25 m	TPK.507-25M
.010"	±.0005"	5100	5 m	TPK.510-5M
			10 m	TPK.510-10M
			25 m	TPK.510-25M
.015"	±.0005"	4500	5 m	TPK.515-5M
			10 m	TPK.515-10M
			25 m	TPK.515-25M

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

1/16" OD PEEK tubing in pre-cut lengths, meters

Tubing ID	Tolerance	psi*	Length	Product No.
.002"	±.0005"	6100	5 m	TPK102-5M
			10 m	TPK102-10M
			25 m	TPK102-25M
.003"	±.0005"	6100	5 m	TPK103-5M
			10 m	TPK103-10M
			25 m	TPK103-25M
.004"	±.0005"	6100	5 m	TPK104-5M
			10 m	TPK104-10M



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			25 m	TPK104-25M
.005"	±.0005"	6100	5 m	TPK105-5M
			10 m	TPK105-10M
			25 m	TPK105-25M
.006"	±.0005"	6100	5 m	TPK106-5M
			10 m	TPK106-10M
			25 m	TPK106-25M
.007"	±.0005"	5800	5 m	TPK107-5M
			10 m	TPK107-10M
			25 m	TPK107-25M
.010"	±.0005"	5600	5 m	TPK110-5M
			10 m	TPK110-10M
			25 m	TPK110-25M
.015"	±.001"	5000	5 m	TPK115-5M
			10 m	TPK115-10M
			25 m	TPK115-25M
.020"	±.001"	4500	5 m	TPK120-5M
			10 m	TPK120-10M
			25 m	TPK120-25M
.030"	±.001"	3500	5 m	TPK130-5M
			10 m	TPK130-10M
			25 m	TPK130-25M
.040"	±.001"	2400	5 m	TPK140-5M
			10 m	TPK140-10M
			25 m	TPK140-25M
.055"	±.001"	750	5 m	TPK155-5M
			10 m	TPK155-10M
			25 m	TPK155-25M

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

## 1/8" OD PEEK tubing in pre-cut lengths, meters

Tubing ID	Tolerance	psi*	Length	Product No.
.060"	±.003"	3250	5 m	TPK260-5M
			10 m	TPK260-10M
			25 m	TPK260-25

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

## PEEK tubing in custom lengths

Tubing OD	Tubing ID	Product No.
360 micron	.002"	TPK.102
	.003"	TPK.103
	.004"	TPK.104
	.005"	TPK.105
	.006"	TPK.106
1/32"	.0025"	TPK.502
	.005"	TPK.505
	.007"	TPK.507
	.010"	TPK.510
	.015"	TPK.515
1/16"	.002"	TPK102
	.003"	TPK103
	.004"	TPK104
	.005"	TPK105
	.006"	TPK106
	.007"	TPK107
	.010"	TPK110
	.015"	TPK115
	.020"	TPK120
	.030"	TPK130



	.040"	TPK140
	.055"	TPK155
1/8"	.060"	TPK260

\* Recommended maximum permanent working pressure (measured with ACN/Water 1:1 at room temperature)

