

PEEK™ Tubing - 25 µm ID



- Available in 1/16", 1/32" and 360 µm ODs

Upchurch Scientific® 25 µm PEEK tubing is the lowest internal-diameter polymer tubing available. Testing with room temperature water rates the tubing to pressures greater than 5,000 psi (345 bar). It is available in 1/16", 1/32" and 360 µm OD sizes.

The benefits of PEEK polymer tubing include a high pressure rating (up to 7000 psi in most cases) and a high temperature rating (maximum continuous use temperature of 100 °C). Additionally, PEEK tubing has a very smooth internal surface, which causes less turbulence than similar sized metal tubing. Turbulence can cause remixing of separated sample bands and dilution of bands by the mobile phase.

PEEK tubing also offers outstanding chemical compatibility, with very few solvents interacting with the polymer. For information regarding specific solvents that may interact with the polymer, please visit www.upchurch.com.



Specifications

Capillary PEEK Tubing, 360 µm (.0145") OD*

Product Number	Tubing Size	Color	Max Pressure	Qty.	Price
1574	25 µm (.001") ID x 5'	Natural	5,000 psi (345 bar)**	ea.	\$ 33.10
1575-12x	25 µm (.001") ID x 12"	Natural	5,000 psi (345 bar)**	10-pk	55.20

Capillary PEEK Tubing, 1/32" OD*

Product Number	Tubing Size	Color	Max Pressure	Qty.	Price
1567	25 µm (.001") ID x 5'	Natural	5,000 psi (345 bar)**	ea.	\$ 33.10
1567-12x	25 µm (.001") ID x 12"	Natural	5,000 psi (345 bar)**	10-pk	55.20

PEEK Tubing, 1/16" OD x 5'*

Product Number	Tubing Size	Color	Max Pressure	Qty.	Price
1559	.001" (25 µm) ID	Natural	7,000 psi (483 bar)**		\$ 27.55

*Testing conducted with water at room temperature. Use of some chemicals and higher temperatures may reduce the pressure limit. Please contact us for more information.

**The OD size of the 360 µm PEEK tubing is actually 368 µm. Industry convention refers to this tubing by a nominal size of 360 µm.

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Sheet Number 71
Revised on 03/17/2008.



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