

Tubing | PEEK

Trajan precision bore PEEK tubing is designed specifically for modern LC, LCMS and automation usage. PEEK tubing is a flexible alternative to stainless steel tubing in high pressure applications.

Trajan precision bore PEEK tubing ensures reproducibility in your chromatographic flow rates and results through smooth internal surface along with consistent and tight tolerated IDs.

Features and benefits

- Excellent chemical resistance and inert to most commonly used solvents. Exceptions are very caustic reagents, strong acids and bases.
- Bio-inert and bio-compatible.
- Color coded to industry standards for easy identification of inner diameter.
- Leach free colorants.
- Smooth inner walls and precise IDs.
- Works well with either polymer fittings as well as stainless steel fittings.
- Can be formed to specific customer needs.

Recommended applications

LC, LCMS and automation solutions.

Product specifications




























- Operating temperature up to 100°C max continuous use.
- Operating pressure range up to 10,000 psi (690 bar), size dependent.
- Can be used across a broad pH range of 2 to 14.
- Pre-cut lengths of 5', 10', 50' and 100'.



Made in USA

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Product specifications continued

OD	ID	Tolerances		Operating temperature (max °C)	Max operating pressure (psi/bar)	Color
		OD	ID			
1/16"	0.0025"	±0.001"	±0.0005"	100°C	7,000 psi (483 bar)	Natural 
1/16"	0.004"	±0.001"	±0.0005"	100°C	7,000 psi (483 bar)	Black 
1/16"	0.005"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Red 
1/16"	0.007"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Yellow 
1/16"	0.010"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Blue 
1/16"	0.013"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Orange 
1/16"	0.015"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Natural 
1/16"	0.015"	±0.001"	±0.001"	100°C	7,000 psi (483 bar)	Gray 
1/16"	0.020"	±0.001"	±0.001"	100°C	6,000 psi (414 bar)	Orange 
1/16"	0.030"	±0.001"	±0.001"	100°C	4,000 psi (276 bar)	Green 
1/16"	0.030"	±0.001"	±0.001"	100°C	4,000 psi (276 bar)	Red 
1/16"	0.040"	±0.001"	±0.001"	100°C	3,000 psi (207 bar)	Natural 
1/32"	0.0025"	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Natural 
1/32"	0.004"	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Black 
1/32"	0.005"	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Red 
1/32"	0.007"	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Yellow 
1/32"	0.010"	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Blue 
1/32"	0.015"	±0.0005"	±0.0005"	100°C	4,000 psi (276 bar)	Natural 
1/32"	0.015"	±0.0005"	±0.0005"	100°C	4,000 psi (276 bar)	Gray 
1/32"	0.020"	±0.0005"	±0.0005"	100°C	3,000 psi (207 bar)	Orange 
360 µm	50 µm (0.002")	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Natural 
360 µm	75 µm (0.003")	±0.0005"	±0.0005"	100°C	5,000 psi (345 bar)	Black 
360 µm	100 µm (0.004")	±0.0005"	±0.0005"	100°C	2,000 psi (138 bar)	Red 
360 µm	125 µm (0.005")	±0.0005"	±0.0005"	100°C	2,000 psi (138 bar)	Green 
360 µm	150 µm (0.006")	±0.0005"	±0.0005"	100°C	2,000 psi (138 bar)	Yellow 
1/8"	0.062"	±0.003"	±0.003"	100°C	4,000 psi (276 bar)	Natural 
1/8"	0.080"	±0.003"	±0.003"	100°C	3,000 psi (207 bar)	Natural 

For more information about this product visit www.trajanscimed.com or contact techsupport@trajanscimed.com