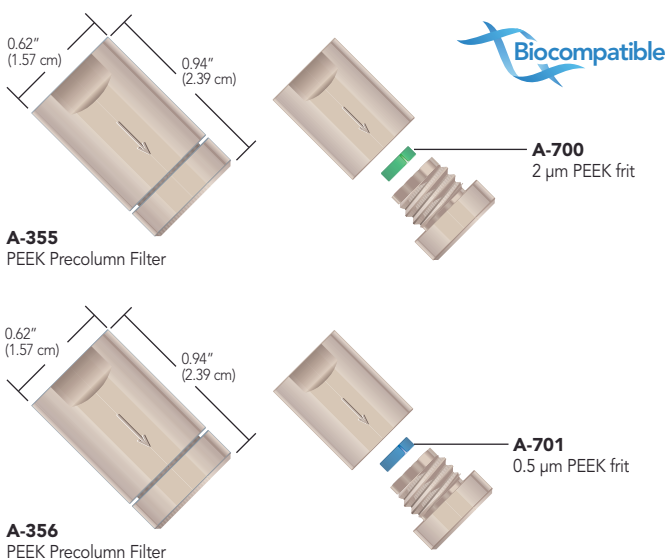


## Biocompatible Precolumn Filters

- ▶ Pre-assembled with either 0.5 µm or 2 µm porosity frits
- ▶ Great column protection
- ▶ Feature PEEK bodies and PCTFE-surrounded PEEK frits

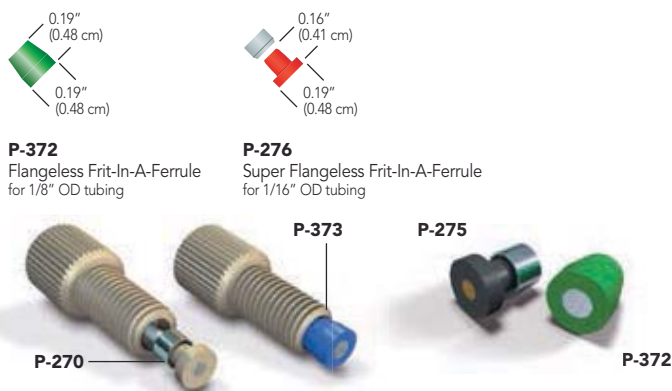
Upchurch Scientific® Biocompatible Precolumn Filters have 0.020" (0.50 mm) diameter thru-holes and 8° distribution cones for minimal band spreading and mixing. The bodies of these filters are manufactured from biocompatible PEEK polymer and are pressure rated to 5,000 psi (345 bar). These filters are designed for use with 1/16" OD tubing, which can be connected to these filters using standard Fingertight fittings.



## Frit-In-A-Ferrule™

- ▶ Seals and filters simultaneously
  - ▶ Less expensive and more convenient than traditional inline filter systems
  - ▶ Available in both Flangeless and Super Flangeless™ versions
- Now you can filter at any point in your system where 1/16" or 1/8" OD tubing is used in a flat-bottom 1/4-28, M6 or 5/16-24 connection.

The Upchurch Scientific® Frit-In-A-Ferrule product line is designed to seal and filter simultaneously by incorporating a frit into the body of a flat-bottom ferrule. This simple design allows you to eliminate traditional inline filters and reduce the number of additional connections in your system.



## Disposable Sample Filters

- ▶ Excellent system protection
- ▶ Ultra-low hold-up volume
- ▶ 0.5 µm and 2 µm porosity

These Disposable Sample Filters are designed to remove particles from analytical HPLC samples. The polypropylene holder incorporates a 1/32" thick, 1/8" diameter stainless steel frit, which causes very little back pressure. To use, just attach one of these filters onto the end of any standard luer syringe, such as our B-310 found on page 155.



B-100 and B-101 Disposable Sample Filters

Part No.	Description	Porosity	Threads	Includes	Swept Volume*	Pressure Rating		
<b>BIOCOMPATIBLE PRECOLUMN FILTERS</b>								
A-355	Solvent Filter Assembly, Biocompatible	2 µm	10-32 Coned	(1) A-700	1.4 µL	5,000 psi (345 bar)		
A-356	Solvent Filter Assembly, Biocompatible	0.5 µm	10-32 Coned	(1) A-701	1.3 µL	5,000 psi (345 bar)		
A-700	Replacement Frit, PEEK Polymer, ea.	2 µm	—	—	0.74 µL	N/A		
A-701	Replacement Frit, PEEK Polymer, ea.	0.5 µm	—	—	0.61 µL	N/A		
<b>FRIT-IN-A-FERRULE FOR 1/16" OD TUBING</b>								
Part No.	Description	Porosity	Frit Material	Frit Diameter	Frit Thickness	Swept Volume	Maximum Pressure	Qty.
P-270x	Super Flangeless, Natural PEEK, SST lock ring	2 µm	SST	0.062"	0.062"	0.74 µL	2,500 psi (172 bar)	10-pk
P-272x	Flangeless, Green PCTFE	2 µm	SST	0.062"	0.062"	0.74 µL	2,000 psi (138 bar)	10-pk
P-273x	Flangeless, Blue PCTFE	0.5 µm	SST	0.062"	0.062"	0.61 µL	2,000 psi (138 bar)	10-pk
P-274x	Super Flangeless, Natural PEEK, SST lock ring	2 µm	PEEK	0.046"	0.030"	0.20 µL	2,500 psi (172 bar)	10-pk
P-275x	Super Flangeless, Black PEEK, SST lock ring	0.5 µm	PEEK	0.046"	0.030"	0.16 µL	2,500 psi (172 bar)	10-pk
P-276	Super Flangeless, Red ETFE, SST lock ring	10 µm	SST	0.062"	0.062"	0.90 µL	2,500 psi (172 bar)	ea.
<b>FRIT-IN-A-FERRULE FOR 1/8" OD TUBING</b>								
P-372x	Flangeless, Green PCTFE	2 µm	SST	0.094"	0.062"	1.69 µL	500 psi (34 bar)	10-pk
P-373x	Flangeless, Blue PCTFE	0.5 µm	SST	0.094"	0.062"	1.41 µL	500 psi (34 bar)	10-pk
P-374x	Super Flangeless**, Natural PEEK, SST lock ring	2 µm	PEEK	0.094"	0.042"	1.15 µL	2,500 psi (172 bar)	10-pk
<b>DISPOSABLE HPLC SAMPLE FILTERS</b>								
B-100	Disposable Filters	2 µm	SST	0.125"	0.031"	15.8 µL	N/A	100-pk
B-101	Disposable Filters	0.5 µm	SST	0.125"	0.031"	15.6 µL	N/A	100-pk

\* Swept volumes include/reflect theoretical frit volume values.  
\*\* The 1/8" Super Flangeless versions cannot be used in M6 ports.