

HPLC Accessories

Upchurch Scientific Fittings and Accessories: *Ultra-High Performance Fingertight Fittings*

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Ultra-High Performance Fingertight Fittings

Ultra-High Performance Fingertight Fittings

The innovative line of Upchurch Ultra High Performance fittings are designed to withstand extreme temperature and pressures. This line of fittings is perfect for use within the increasingly demanding requirements for today's high performance analytical systems. The fittings are a 10/32 fingertight style for use with 1/16" and 1/32" OD tubing.



51256-U



51263-U



51262-U

Description	Cat. No.	Qty
PEEK (LiteTouch® Nut (Black), 10-32), for use with 1/32" tubing	51256-U	10 ea
PEEK (LiteTouch micro ferrule (black), 1/32 in.), for use with (1/32" tubing)	51257-U	10 ea
PEEK (LiteTouch ferrule assembly 1/16" (black)), for use with (1/16" tubing)	51258-U	10 ea
PEEK (FingerTight nut (black) 10-32), for use with (1/16" tubing)	51262-U	10 ea
PEEK (SealTight Short fitting (black) with ferrule, 10-32), for use with (1/16" tubing)	51263-U	10 ea

Ultra-High Pressure Stainless Steel Fittings

Description	Cat. No.	Qty
for use with (1/16" tubing)	51264-U	10 ea
for use with (1/32" tubing)	51265-U	10 ea

Ultra-High Pressure Stainless Steel Adapter

Description	Cat. No.	Qty
configured for (for adapting 1/16" OD to 1/32" tubing)	51267-U	1 ea

Upchurch Ultra Low Volume Precolumn Filter

Upchurch Ultra-Low Volume Precolumn Filter

These precolumn filters have a .020" diameter through hole, a stainless steel body, and are pressure rated to 9000 psi (620 bar). They will accept 1/16" tubing and standard 10-32 threaded high pressure fittings.

Description	Cat. No.	Qty
2 µm	51231-U	1 ea
0.5 µm, Solvent filter assembly with frit (1.3µL swept volume)	51232-U	1 ea

Upchurch Ultra-Low Volume Precolumn Filter

With a .010" diameter thru-hole, this filter has one of the lowest swept volumes of any HPLC precolumn filter available, ensuring maximum protection with very little band broadening. It is pressure rated to 9,000 psi (620 bar).

Description	Cat. No.	Qty
0.5 µm	51233-U	1 ea

Frits for Upchurch Ultra-Low Volume Precolumn Filter

stainless steel

Description	Cat. No.	Qty
2 µm	51234-U	10 ea
0.5 µm	51235-U	10 ea

Upchurch Mini MicroFilter Assembly

Upchurch Mini MicroFilter Assembly

Ultra-low swept volume - 0.85 µL. Use with Microtight tubing sleeves for capillary tubing. Available with 1 µm or 2 µm frit capsules (stainless steel frit in color-coded PEEK capsule). 57421-U includes 5, 2µm filter capsules, 2 microferrules, and 2 female natural PEEK nuts and catalog number 54722-U includes 5, 1µm filter capsules, 2 microferrules, and 2 female natural PEEK nuts. 51242-U includes 5, 1 µm nano filter capsule (PEEK with stainless steel frit), 2, microferrule for 360 µm O. D. tubing, 2 female nuts. 51243-U includes 5, 1 µm nano filter capsule (PEEK with titanium frit), 2, microferrule for 360 µm O. D. tubing, 2 female nuts.



Description	Cat. No.	Qty
1 µm, stainless steel screen	54722-U	1 ea
2 µm, stainless steel screen	54721-U	1 ea
1 µm, stainless steel frit	51242-U	1 ea
1 µm, titanium frit	51243-U	1 ea

Capsules for Mini MicroFilter Assembly

Description	Cat. No.	Qty
2.0 µm, PEEK natural	54723-U	2 ea
1.0 µm, red PEEK	54724-U	2 ea