

SolventPlus™

SolventPlus™ columns are designed for maximum chemical compatibility. Borosilicate glass and PTFE construction, with Chemraz® O-rings and PTFE frits, only the most inert materials are present in the fluid path. ETFE end caps and fitting nuts ensure a chemically inert connection into and out of the system.

- Designed for techniques using organic solvents such as reversed phase chromatography, but equally compatible with aqueous solvent systems.
- Available in six diameters and a variety of lengths.

Complete columns inventory

When you buy a complete SolventPlus™ column, you will receive:

Column assembly:

A ready-assembled column of -FF, -AF or -AA configuration, comprising a glass tube of the required dimensions and the two endpieces of your choice pre-assembled with 30µm PTFE frits.

Frit Kit comprising:

- 2 x 30µm PTFE frits
- 2 x 10µm PTFE frits
- 2 x 10µm PE frits

Fittings Kit comprising:

- 2m x 1/16" OD PTFE tubing; 1/4-28 UNF fitting (ETFE) at one end
- 0.5m x 1/16" OD PTFE tubing; 1/4-28 UNF fitting (ETFE) at one end

Technical specifications

Operating parameters

Operating temperature: 4-20°C

pH stability: 1-14

Chemical stability: Resistant to aqueous solutions and most solvents used in standard and reverse phase chromatography including toluene, DMSO, pyridine, formamide, dimethyl formamide, ethylene dichloride, and chloroform.

Materials:

Glass column	Borosilicate glass
Endpiece	PTFE
Frit (bed support)	PTFE
O-ring	Chemraz®
Adjusting nut	Acetal
Retaining cap	Acetal
Connection cap	ETFE
Fitting nuts	ETFE

Operating pressures:

6.6mm	900 psi (60 bar)
10mm	600 psi (40 bar)
15mm	300 psi (20 bar)
25mm	150 psi (10 bar)
35mm	100 psi (6.7 bar)
50mm	100 psi (6.7 bar)

