## **20** CHROMATOGRAPHY COLUMNS

# 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.

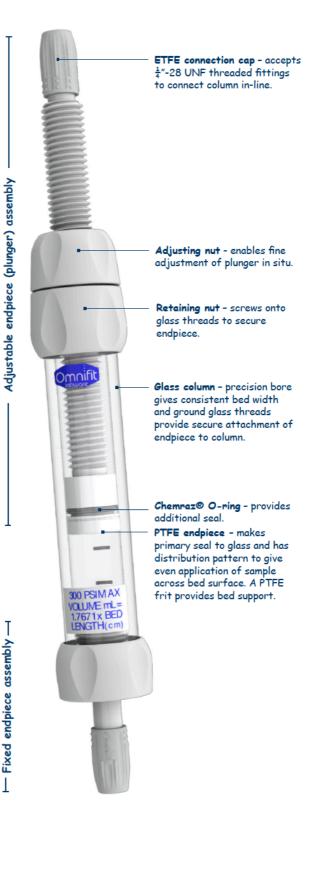
#### Frit Kit comprising:

- 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 1/6" OD PTFE tubing; 1/4-28 UNF fitting (ETFE) at one end

#### **Technical specifications** Operating parameters Operating temperature: 4-20°C pH stability: 1 - 14Resistant to aqueous solutions and most solvents used in standard and reverse phase chromatography including Chemical stability: toluene, DMSO, pyridine, formamide, dimethyl formamide, ethylene dichloride, and chloroform. Materials: Glass column Borosilicate glass **Endpiece PTFE** Frit (bed support) PTFF O-ring Chemraz® Adjusting nut Acetal Retaining cap Acetal Connection cap **ETFE** Fitting nuts **ETFE** Operating pressures: 900 psi (60 bar) 6.6mm 600 psi (40 bar) 10<sub>mm</sub> 300 psi (20 bar) 15mm 25mm 150 psi (10 bar) 35mm 100 psi (6.7 bar) 50mm



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