PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40218-PG2

Guard Column cartridges, Bidentate C18 2.o, replacement, 2.0 mm ID x 10 mm long cartridges packed with 2.2 um, 120 A phase. Cogent TYPE-C Brand. 5/PK.

Additional Info

The 40218 PG2 Cogent Bidentate C18™ /2.o Guard Column Cartridges are replacement guard cartridges engineered to protect 2.1 /mm ID Cogent TYPE C™ analytical HPLC columns operating under high efficiency, near UHPLC conditions. These guards are specifically phase matched to Bidentate C18™ /2.o analytical columns to preserve chromatographic performance while preventing damage from particulates and strongly retained contaminants.

Each cartridge is packed with Cogent Bidentate C18™ /2.o stationary phase (2.2 /µm, 120 /Å) and housed in stainless steel tubing with stainless steel frits, providing excellent mechanical stability and pressure tolerance. This construction supports elevated operating pressures associated with smaller particle sizes and high performance analytical methods.

All cartridges are individually labeled and shipped in protective black Delrin cases, preventing drying, contamination, or physical damage prior to installation. These cartridges are used with a compatible Cogent TYPE C™ guard column holder, sold separately.

Why Use Bidentate C18™ /2.o Replacement Guard Cartridges?

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