PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40218-PG3

Guard Column cartridge, Bidentate C18, replacement, 2.0 mm ID x 10 mm long cartridge packed with 4 um, 100 A phase. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40218 PG3 Cogent Bidentate C18™ /2.o Guard Column Cartridge is a single replacement guard cartridge designed to protect 2.1 /mm ID Cogent TYPE C™ analytical HPLC columns operating under high efficiency and near UHPLC conditions. This cartridge is phase matched to Bidentate C18™ /2.o analytical columns to preserve retention, selectivity, and peak efficiency while trapping 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 a stainless steel tube with stainless steel frits, providing excellent mechanical stability and pressure tolerance for demanding analytical workflows. The cartridge is individually labeled and shipped in a protective black Delrin case to prevent drying, contamination, or physical damage prior to installation.

This cartridge is used with a compatible Cogent TYPE C™ guard column holder, sold separately.

Single cartridges are often preferred when laboratories run multiple analytical methods and want the flexibility to pair different guard phases with different analytical columns—without committing to a multi pack.

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