PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40018-PG6

Guard Column cartridge, Bidentate C18, replacement, 4.0 mm ID x 10 mm long cartridge packed with 4 um, 100 A phase. Cogent TYPE-C Brand. 1 EA.

Additional Info

The 40018 PG6 Cogent Bidentate C18™ Guard Column Cartridge is a single replacement guard cartridge designed to protect larger ID (3.0, 4.0, and 4.6 /mm) Cogent TYPE C™ analytical HPLC columns from particulates and strongly retained contaminants that can degrade chromatographic performance or shorten column lifetime.

Each cartridge is packed with Cogent Bidentate C18™ stationary phase (4 /µm, 100 /Å) and housed in a stainless steel tube with stainless steel frits, providing mechanical durability and consistent flow characteristics. The phase matched TYPE C™ chemistry ensures that analytical selectivity, retention, and efficiency are preserved when the guard cartridge is installed.

The cartridge is individually labeled and shipped in a protective black Delrin case to prevent drying, contamination, or physical damage prior to use. 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 using different guard phases and want the flexibility to pair specific guard chemistries with specific analytical columns—without committing to a multi pack.

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