PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40060-PG6

Guard Column cartridge, Diol, 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 40060 PG6 Diol Guard Column Replacement Cartridge is designed to protect analytical HPLC columns from particulates, strongly retained contaminants, and irreversible matrix components that can adsorb to the analytical column and degrade performance. This guard cartridge functions as a sacrificial protection layer, helping extend analytical column lifetime while preserving retention, selectivity, and peak shape.

The cartridge is packed with 4 /µm, 100 /Å Diol stationary phase and is intended for use with a Cogent TYPE C™ guard column holder (sold separately).

Guard Column Use Case: Single Cartridge Flexibility for Larger ID Columns

Guard columns are strongly recommended when operating HILIC, normal phase, or mixed mode Diol methods, particularly with complex or particulate laden samples. The single cartridge format is preferred when:

Different guard column phases are paired with different analytical phases

MicroSolv Technology Corporation
9158 Industrial Blvd. NE, Leland, NC 28451
tel. (732) 380-8900, fax (910) 769-9435
Email: info@mtc-usa.com
Website: www.mtc-usa.com