PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

70000-PG3

Guard Column cartridge, Diamond Hydride, 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 70000 PG3 Diamond Hydride Guard Column Cartridge is a single cartridge replacement designed to protect 2.1 mm ID analytical HPLC columns from particulate matter, strongly retained contaminants, and sample matrix components that can degrade chromatographic performance and shorten column lifetime.

This cartridge is intended for laboratories that prefer individual guard cartridge replacement, including workflows that use multiple stationary phases or where guard usage varies by method.

Guard Cartridge Use Case: Preserving Analytical Separations

Guard cartridges act as a sacrificial stationary phase bed, capturing contaminants before they reach the analytical column.

Critical Requirement: To preserve chromatographic fidelity, the stationary phase in the guard cartridge must match the stationary phase of the analytical column.

The Diamond Hydride chemistry used in this cartridge ensures:

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