PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

Catalog Number

40031-PG5

Guard Column cartridges, UDA (wcx), replacement, 4.0 mm ID x 10 mm long cartridges packed with 4 um, 100 A phase. Cogent TYPE-C Brand. 5/PK.



Additional Info

40031-PG5 Cogent UDA™ (WCX) Guard Column Cartridges are designed to protect analytical HPLC columns from particulates and strongly retained contaminants that can degrade performance and shorten column lifespan.

Each cartridge is packed with 4 µm, 100 Å Cogent UDA™ stationary phase, built on TYPE C™ silica (silica hydride platform). The UDA™ ligand (Undecanoic Acid) features an 11 carbon hydrophobic chain with a terminal carboxylic acid group, providing:

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This matched mixed mode chemistry ensures contaminants are trapped while maintaining consistent selectivity and chromatographic behavior with UDA™ analytical columns.

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