# PRODUCT SHEET

MICROSOLV TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 40231-PG2

**Guard Column cartridges, UDA 2.o (wcx), replacement, 2.0 mm ID x 10 mm long cartridges packed with 2.2 um, 120 A phase. Cogent TYPE-C Brand. 5/PK.**




### Additional Info

40231-PG2 Cogent UDA™ (WCX) Guard Column Cartridges are designed to protect high efficiency analytical columns from particulates and strongly retained contaminants that can degrade performance and reduce column life.

Each cartridge is packed with 2.2 µm, 120 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, enabling:

Reversed phase (hydrophobic retention)

Weak cation exchange (active at pH 6)

HILIC (polar interaction capability)

This matched mixed mode chemistry ensures contaminants are trapped effectively while maintaining identical selectivity to

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