# PRODUCT SHEET

MICROSOLV
TECHNOLOGY CORPORATION
HPLC Columns and Chromatography Accessories

# Catalog Number

## 68522-PG1

**Guard Column Cartridges, RP PFP, 5um, 100A. 2.1mm ID x 10mm Length. Cogent Brand. 5/PK.**

### Additional Info

68522-PG1 Cogent RP PFP™ Guard Column Cartridges are designed to protect narrow bore analytical HPLC and UHPLC columns from particulates and strongly retained contaminants that can reduce column efficiency and lifespan. Packed with 5 µm Cogent RP PFP™ material, these cartridges provide balanced efficiency and pressure for routine analytical workflows.

The packing material is fully double end capped and bonded via a four carbon linker to a benzene ring substituted with five fluorine atoms, using high purity 100 Å silica. This ensures consistent chromatographic behavior and maintains method integrity when used with RP PFP analytical columns.

Each cartridge is housed in a stainless steel tube with stainless steel frits pressed into PEEK frit caps, providing durability and compatibility with standard and low flow HPLC systems.

2.1 mm ID × 10 mm Length – Low Flow Analytical Column Protection

Optimized for narrow bore analytical column formats, these guard cartridges provide effective protection with minimal

**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