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Find the *Grace Vydac 214GK54* at our website: *Click HERE*

Protect your columns from contamination with Vydac

High-Performance Guard Columns

A Vydac High-Performance Guard Column consists of a reusable holder and replaceable cartridge containing the same separation material used in the column. The guard column is placed between the sample injector and the column. High-performance guard columns retain and, in some cases, enhance column performance. High-performance guard columns are available for Vydac columns from 1.0 mm to 22 mm diameter.

For use with Microbore (1.0 mm), Narrow-Bore (2.1 mm), Analytical (4.6 mm) or Semipreparative (10 mm) Columns

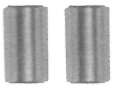
Guard column kits
Include a holder and one cartridge

Catalog numbers
*xxx*GK51 (Microbore)
*xxx*GK52 (Narrow-Bore)
*xxx*GK54 (Analytical)



Replacement cartridges
Two cartridges per pack

Catalog numbers
*xxx*GD51 (Microbore)
*xxx*GD52 (Narrow-Bore)
*xxx*GD54 (Analytical)



NOTE: When ordering, replace "*xxx*" with specific 3-digit packing type designation. (See complete listing on back.)

For use with Semipreparative (10 mm) and Preparative (22 mm) Columns

Guard column kits
Include a holder and one cartridge

Catalog numbers
*xxx*FSK1210 (12 micron)



Replacement cartridges
One cartridge per pack

Catalog numbers
*xxx*GCC1210 (12 micron)



Instructions for Use

1. Place the Vydac guard cartridge (B) in the holder body (C) as shown.
2. Insert the top section (A) into the holder body (C) and tighten (leak free; do not over-tighten).
3. Connect the outlet of the guard holder to the HPLC column by means of a short length of 1/16" small diameter tubing (D). Similarly, connect the guard holder inlet to the sample injector.

If you have questions regarding assembly or use of Vydac High-Performance Guard Columns, please contact Vydac Technical Services.



A. Top of guard holder

B. Guard cartridge

C. Guard holder body

D. 1/16" connecting tubing

E. HPLC column

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High-Performance Guard Kits and Cartridges

Cartridge kits include a holder and one guard cartridge. Replacement cartridges contain 2 guard cartridges per package for 5- and 10-µm, one guard cartridge per package for 12-µm.

Phase	Particle Size	Cartridge i.d.	Cat. No. for Guard Kit	Cat. No. for Replacement Cartridges	For use with the following columns
201SP	5 micron	1.0 mm	201GK51SP	201GD51SP	201SP51, 201SP5115, 201SP5105
	5 micron	2.1 mm	201GK52SP	201GD52SP	201SP52, 201SP5215, 201SP5205
	5 micron	4.6 mm	201GK54SP	201GD54SP	201SP54, 201SP5415, 201SP5405, 201SP510
	10 micron	4.6 mm	201GK104SP	201GD104SP	201SP104, 201SP10415, 201SP1010
	15 micron	10 mm	201FSK1210SP	201GCC1210SP	201SP1010, 201SP1022, 201SP1522
201TP	5 micron	2.1 mm	201GK52T	201GD52T	201TP52, 201TP5215
	5 micron	4.6 mm	201GK54T	201GD54T	201TP54, 201TP5415, 201TP510
	10 micron	4.6 mm	201GK104T	201GD104T	201TP104, 201TP1010
202TP	5 micron	4.6 mm	202GK54T	202GD54T	202TP54, 202TP5415
	10 micron	4.6 mm	202GK104T	202GD104T	202TP10405
208TP	5 micron	1.0 mm	208GK51	208GD51	208TP51, 208TP5115, 208TP5105
	5 micron	2.1 mm	208GK52	208GD52	208TP52, 208TP5215, 208TP5205
	5 micron	4.6 mm	208GK54	208GD54	208TP54, 208TP5415, 208TP5405, 208TP510
	10 micron	4.6 mm	208GK104	208GD104	208TP104, 208TP10415, 208TP1010
	12 micron	10 mm	208FSK1210	208GCC1210	208TP1010, 208TP1022, 208TP101522, 208TP152022
214MS	5 micron	1.0 mm	214GK51MS	214GD51MS	214MS51, 214MS5115, 214MS5105
	5 micron	2.1 mm	214GK52MS	214GD52MS	214MS52, 214MS5215, 214MS5205
	5 micron	4.6 mm	214GK54MS	214GD54MS	214MS54, 214MS5415, 214MS5405, 214MS510
214TP	5 micron	1.0 mm	214GK51	214GD51	214TP51, 214TP5115, 214TP5105
	5 micron	2.1 mm	214GK52	214GD52	214TP52, 214TP5215, 214TP5205
	5 micron	4.6 mm	214GK54	214GD54	214TP54, 214TP5415, 214TP5405, 214TP510
	10 micron	4.6 mm	214GK104	214GD104	214TP104, 214TP10415, 214TP1010
	12 micron	10 mm	214FSK1210	214GCC1210	214TP1010, 214TP1022, 214TP101522, 214TP152022
218MS	5 micron	1.0 mm	218GK51MS	218GD51MS	218MS51, 218MS5115, 218MS5105
	5 micron	2.1 mm	218GK52MS	218GD52MS	218MS52, 218MS5215, 218MS5205
	5 micron	4.6 mm	218GK54MS	218GD54MS	218MS54, 218MS5415, 218MS5405, 218MS510
218TP	5 micron	1.0 mm	218GK51	218GD51	218TP51, 218TP5115, 218TP5105
	5 micron	2.1 mm	218GK52	218GD52	218TP52, 218TP5215, 218TP5205
	5 micron	4.6 mm	218GK54	218GD54	218TP54, 218TP5415, 218TP5405, 218TP510
	10 micron	4.6 mm	218GK104	218GD104	218TP104, 218TP10415, 218TP1010
	12 micron	10 mm	218FSK1210	218GCC1210	218TP1010, 218TP1022, 218TP101522, 218TP152022
218WP	5 micron	2.1 mm	218GK52WP	218GD52WP	218WP52, 218WP5215
	5 micron	4.6 mm	218GK54WP	218GD54WP	218WP54, 218WP5415
219TP	5 micron	1.0 mm	219GK51	219GD51	219TP51, 219TP5115, 219TP5105
	5 micron	2.1 mm	219GK52	219GD52	219TP52, 219TP5215, 219TP5205
	5 micron	4.6 mm	219GK54	219GD54	219TP54, 219TP5415, 219TP5405, 219TP510
	10 micron	4.6 mm	219GK104	219GD104	219TP104, 219TP10415, 219TP1010
	12 micron	10 mm	219FSK1210	219GCC1210	219TP1010, 219TP1022, 219TP101522, 219TP152022
238MS	5 micron	1.0 mm	238GK51MS	238GD51MS	238MS51, 238MS5115, 238MS5105
	5 micron	2.1 mm	238GK52MS	238GD52MS	238MS52, 238MS5215, 238MS5205
	5 micron	4.6 mm	238GK54MS	238GD54MS	238MS54, 238MS5415, 238MS5405, 238MS510
238TP	5 micron	1.0 mm	238GK51	238GD51	238TP51, 238TP5115, 238TP5105
	5 micron	2.1 mm	238GK52	238GD52	238TP52, 238TP5215, 238TP5205
	5 micron	4.6 mm	238GK54	238GD54	238TP54, 238TP5415, 238TP5405, 238TP510
	10 micron	4.6 mm	238GK104	238GD104	238TP104, 238TP10415, 238TP1010
	12 micron	10 mm	238FSK1210	238GCC1210	238TP1010, 238TP1022, 238TP101522, 238TP152022
238WP	5 micron	2.1 mm	238GK52WP	238GD52WP	238WP52, 238WP5215
	5 micron	4.6 mm	238GK54WP	238GD54WP	238WP54, 238WP5415
302IC	10 micron	4.6 mm	302GK4	302GD4	302IC4.6

High Performance Guard Cartridge Holders	Catalog Number
Microbore Holder	GCH1
Analytical Holder	GCH4
Semi-Preparative Holder	GCH10

To place an order, call 800-247-0924 or contact your local Vydac distributor.

A current listing of Vydac distributors is available on the world wide web at http://www.vydac.com.

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