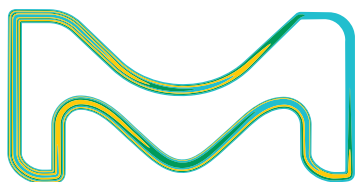


Race through your Separations on Any System

Chromolith®

Monolithic Silica HPLC Columns

The cost and time saving solution



Ordering Information

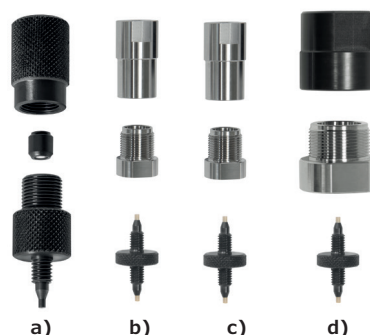
Chromolith® Guard Columns, Holder and Coupler

Chromolith® Guard column Holder

Chromolith® HPLC guard cartridges are extremely easy to use. The guard cartridges are simply added directly in front of the main column to protect it from chemical or mechanical contamination. Due to the benefits of monolithic technology, and the convenience of Chromolith® guard columns, they are also popular for use with classical particulate columns. Moreover, guard columns can be used as trap columns when large sample volumes are to be injected. Guard columns should be changed frequently in order to avoid excessive accumulation of impurities.

Guard cartridge holders

Depending on your needs, we offer several different guard cartridge holders: made out of PEEK for 2 and 3 mm I.D. cartridges; bioinert PEEK lined stainless steel holder and standard stainless steel holder for 2 mm and 4.6 mm I.D. cartridges and holders for 10 and 25 mm I.D. cartridges.



Guard cartridge holder type	Material holder is made of	Max. back pressure	How to tighten holder	Guard cartridge I.D.	Guard cartridge length
a)	PEEK	200 bar (2,940 psi)	Finger-tight	2, 3 mm	5 mm
b)	PEEK lined SS	400 bar (5,880 psi)	Finger-tight + tool (not included)	2, 4.6 mm	5 mm, 10 mm
c)	SS	400 bar (5,880 psi)	Finger-tight + tool (not included)	4.6 mm	5 mm, 10 mm
d)	PEEK / SS	150 bar (2,205 psi)	Finger-tight + tool (not included)	10 mm	10 mm

Chromolith® Guard cartridge Holder

for dimension	Type	Material	Item No.
5 x 2 and 3	a	PEEK	1.52004.0001
5 x 2	b	Bioinert	1.52355.0001
5 x 4.6	b	Bioinert	1.52255.0001
10 x 4.6	b	Bioinert	1.52256.0001
5 x 4.6	c	SST	1.52032.0001
10 x 4.6	c	SST	1.52033.0001
10 x 10	d	PEEK/SST	1.52037.0001

Chromolith® Column Coupler

Make your column longer for extra high resolution

The Chromolith® HPLC column coupler is designed for linking several monolithic columns together in order to further increase separation efficiency and column performance. The combination results in a theoretical plate count that is significantly higher than any particulate column available. At the same time, pressure is kept well below the HPLC system limit.

Ordering Information

	
for 25 mm I.D. columns	1.25259.0001

Chromolith® columns for small molecule separations

Column dimension										
Length (mm)	I.D. (mm)	RP-18e	HR RP-18e	RP-8e	HR RP-8e	Phenyl	CN	Diol	NH ₂	Si
Chromolith® HPLC Column [1 unit]										
25 x 4.6		1.51463.0001	1.52020.0001			1.52056.0001	1.52046.0001	1.53170.0001	1.52026.0001	
25 x 3		1.52003.0001								
25 x 2		1.52014.0001	1.52320.0001							
50 x 4.6		1.51450.0001	1.52021.0001			1.52057.0001	1.52047.0001	1.53171.0001	1.52027.0001	
50 x 3		1.52002.0001								
50 x 2		1.52007.0001	1.52321.0001							
100 x 4.6		1.02129.0001	1.52022.0001	1.51468.0001	1.52064.0001	1.52058.0001	1.52048.0001	1.53172.0001	1.52028.0001	1.51465.0001
100 x 3		1.52001.0001								
100 x 2		1.52006.0001	1.52322.0001							
150 x 4.6			1.52023.0001							
100 x 10		1.52016.0001								1.52015.0001
100 x 25		1.25252.0001								1.25251.0001
Validation Kits [3 Chromolith® HPLC cartridges from 3 different sorbent batches]										
50 x 2		1.52062.0001								
100 x 4.6		1.51466.0001	1.52019.0001							
100 x 3		1.52063.0001								
100 x 10		1.52036.0001								1.52035.0001
Chromolith® Guard cartridges [3 units]										
5 x 4.6		1.51451.0001	1.52025.0001	1.52013.0001		1.52059.0001	1.52050.0001	1.53175.0001	1.52030.0001	1.52011.0001
10 x 4.6		1.51452.0001								
5 x 3		1.52005.0001								
5 x 2		1.52009.0001	1.52325.0001							
10 x 10		1.52036.0001								
Chromolith® Guard cartridge Set [1 starter kit with holder and 3 guard cartridges]										
5 x 2		1.52008.0001								
5 x 3		1.52004.0001								

Chromolith® CapRod® Capillary Columns

Column dimension				
Length (mm)	I.D. (mm)	HR RP-18e	RP-8e	HR RP-8e
Chromolith®CapRod® HPLC capillary columns [1 unit]				
50 x 0.1	Trap		1.50426.0001	
50 x 0.2	Trap		1.50409.0001	
150 x 0.05			1.50403.0001	
150 x 0.1		1.50404.0001	1.50402.0001	1.50400.0001
150 x 0.2		1.50407.0001	1.50405.0001	
300 x 0.1			1.50424.0001	



Validation kits

The success of an HPLC method depends strongly on the consistent quality of the stationary phase. Long-term reproducibility is a key factor in achieving reliable results. Supelco® validation kits consist of three HPLC columns, packed with three different sorbent lots to confirm the reliability of HPLC methods and their robustness.

Chromolith® WP 300 for Biomolecule Separation

Column dimension						
Length (mm)	I.D. (mm)	RP-18	RP-8	RP-4	Protein A	Epoxy
Chromolith® WP 300 HPLC Column [1 unit]						
25 x 4.6					1.52258.0001	1.52252.0001
25 x 2					1.52358.0001	1.52352.0001
50 x 4.6		1.52271.0001	1.52266.0001	1.52261.0001		1.52251.0001
50 x 2		1.52371.0001				1.52351.0001
100 x 4.6		1.52270.0001	1.52265.0001	1.52260.0001		1.52250.0001
100 x 2		1.52370.0001				1.52350.0001
Chromolith® Guard cartridges [3 units]						
5 x 4.6		1.52273.0001	1.52268.0001	1.52263.0001		1.52254.0001
5 x 2		1.52372.0001				1.52353.0001
10 x 4.6		1.52272.0001	1.52267.0001	1.52262.0001		1.52253.0001