

Chromolith® RP-8 endcapped

The Chromolith® RP-8 endcapped HPLC columns offer all the benefits of the monolithic silica technology for reversed phase chromatography:

- high throughput at high flow rates with the best overall column quality
- the possibility of flow gradients
- added column performance by column coupling
- a rigid structure for a longer lifetime
- less matrix-sensitivity

In contrast to the most commonly used reversed phase columns, the Chromolith® RP-18 endcapped, the Chromolith® RP-8 endcapped with its shorter alkyl chain offers less retention and a slightly different selectivity. Therefore it is possible that a baseline separation can be achieved on the RP-8 endcapped bonded column whereas no separation at all is observed under identical elution conditions on a RP-18 endcapped bonded silica column.

Specifications of Chromolith® RP-8 endcapped

Silica type	High-purity	
Particle size	Monolithic	
Macropore size	HR 1.15 μm	Performance 2 μm
Mesopore size	HR 15 nm (150 Å)	Performance 13 nm (130 Å)
Pore volume	1 mL/g	
Total porosity	>80 %	
Surface area	300 m²/g	
Surface modification	RP-8 endcapped	
Carbon content	11 %	

Ordering information – Chromolith® RP-8 endcapped

Product	Ordering No.	Dimension length	Dimension diameter	Contents of one package
Chromolith® HR RP-8 endcapped	1.52064.0001	100 mm	4.6 mm	1 piece
Chromolith® Performance RP-8 endcapped	1.51468.0001	100 mm	4.6 mm	1 piece

► Chromolith® CapRod®
Monolithic capillary
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► Chromolith® RP-18 endcapped
Chromolith® RP-18 endcapped columns are the fastest C18 columns in the world.
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► Chromolith® Si
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► Chromolith® guard cartridges and cartridge kit
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► Chromolith® column coupler
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► Chromolith® SemiPrep
Perfect scale-up from analytical to preparative LC
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