

Chromolith® columns at glance

Column internal diameter [mm]	Column length [mm]						+ Loadability	+ Sensitivity	+ Solvent saving		
		Guard / Trap column 5 mm	Guard / Trap column 10 mm	25 mm	50 mm	100 mm					
	25 mm		1.25260.0001 ⁽⁷⁾ 1.25261.0001 ⁽²⁾ 1.25262.0001 Holder							1.25251.0001 ⁽⁷⁾ 1.25252.0001 ⁽²⁾	
		10 mm		1.52035.0001 ⁽⁷⁾ Pack of 3 1.52036.0001 ⁽²⁾ Pack of 3 1.52037.0001 Holder							1.52015.0001 ⁽⁷⁾ 1.52016.0001 ⁽²⁾
			4.6 mm	1.51451.0001 ⁽²⁾ Pack of 3 1.52011.0001 ⁽⁷⁾ Pack of 3 1.52013.0001 ⁽⁴⁾ Pack of 3 1.52025.0001 ⁽¹⁾ Pack of 3 1.52030.0001 ⁽⁸⁾ Pack of 3 1.52032.0001 Holder 1.52050.0001 ⁽⁵⁾ Pack of 3 1.52059.0001 ⁽³⁾ Pack of 3 1.53175.0001 ⁽⁶⁾ Pack of 3	1.51452.0001 ⁽²⁾ Pack of 3 1.52033.0001 Holder	1.51463.0001 ⁽²⁾ 1.52020.0001 ⁽¹⁾ 1.52026.0001 ⁽⁸⁾ 1.52046.0001 ⁽⁵⁾ 1.52056.0001 ⁽³⁾ 1.53170.0001 ⁽⁶⁾				1.51450.0001 ⁽²⁾ 1.52021.0001 ⁽¹⁾ 1.52027.0001 ⁽⁸⁾ 1.52047.0001 ⁽⁵⁾ 1.52057.0001 ⁽³⁾ 1.53171.0001 ⁽⁶⁾	1.02129.0001 ⁽²⁾ 1.51465.0001 ⁽⁷⁾ 1.51468.0001 ⁽⁴⁾ 1.52022.0001 ⁽¹⁾ 1.52028.0001 ⁽⁸⁾ 1.52048.0001 ⁽⁵⁾ 1.52058.0001 ⁽³⁾ 1.53172.0001 ⁽⁶⁾
	3 mm			1.52004.0001 ⁽²⁾ Kit 1.52005.0001 ⁽²⁾ Pack of 3		1.52003.0001 ⁽²⁾ 1.52002.0001 ⁽²⁾				1.52001.0001 ⁽²⁾	
		2 mm		1.52008.0001 ⁽²⁾ Kit 1.52009.0001 ⁽²⁾ Pack of 3		1.52014.0001 ⁽²⁾ 1.52007.0001 ⁽²⁾				1.52006.0001 ⁽²⁾	
	Speed +									-	
	Resolution -									+	

⁽¹⁾ HighResolution RP-18e | ⁽²⁾ RP-18e | ⁽³⁾ Phenyl | ⁽⁴⁾ RP-8e | ⁽⁵⁾ CN | ⁽⁶⁾ DIOL | ⁽⁷⁾ Si | ⁽⁸⁾ NH₂

Benefits of Chromolith® HPLC columns at a glance

1. Speed of analysis

- Separations two times faster at half the column back-pressure compared to 5 µm columns
- Higher sample throughput – separations up to 9 times faster if required
- Fast column re-equilibration between analyses

2. Improved HPLC system security

- Significantly increased column lifetime
- Reduced maintenance on HPLC pump and injector seals
- Reduced need for sample preparation as columns very resistant to blocking (even with biological samples)

3. Column length no longer pressure limited

- Very high separation efficiency by column coupling

4. Standard HPLC instruments are ideally suited for use with Chromolith® HPLC columns

- Chromolith® columns clad in PEEK are very easy-to-use and handle

5. Cost savings from increased sample throughput can justify the expense of a method revalidation within one month.