

Ultra Silica Columns (USP L3)

Physical Characteristics:

particle size: 3µm or 5µm, spherical
 pore size: 100Å
 carbon load: none
 endcap: no
 pH range: 2.5 to 7.5
 temperature limit: 80°C

Chromatographic Properties:

High surface area, Type B silica packing.

	1.0mm ID	2.1mm ID	3.2mm ID	4.6mm ID
Length	cat.#	cat.#	cat.#	cat.#
3µm Columns				
30mm	9100331	9100332	9100333	9100335
50mm	9100351	9100352	9100353	9100355
100mm	9100311	9100312	9100313	9100315
5µm Columns				
30mm	9100531	9100532	9100533	9100535
50mm	9100551	9100552	9100553	9100555
100mm	9100511	9100512	9100513	9100515
150mm	9100561	9100562	9100563	9100565
200mm	9100521	9100522	9100523	9100525
250mm	9100571	9100572	9100573	9100575

Ultra Carbamate Columns

Physical Characteristics:

particle size: 3µm or 5µm, spherical
 pore size: 100Å
 pH range: 2.5 to 7.5
 temperature limit: 80°C

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Application	Page #
Pesticides (Carbamates)	.532

Chromatographic Properties:

Restek chemists developed the Ultra Carbamate column specifically for carbamates analysis. The unique packing separates 10 target carbamates in just over 10 minutes. The column is compatible with fluorescence or LC/MS detection.* An Ultra Carbamate column can process as many as 3 to 4 samples per hour, versus less than 2 samples per hour on a general-purpose C18 column. In addition to increased sample throughput, this much faster analysis will significantly reduce solvent usage—and the costs of disposing of solvent waste.

	1.0mm ID	2.1mm ID	3.2mm ID	4.0mm ID	4.6mm ID
Length	cat.#	cat.#	cat.#	cat.#	cat.#
3µm Columns					
50mm	9177351	9177352	9177353	9177354	9177355
100mm	9177311	9177312	9177313	—	9177315
5µm Columns					
250mm	—	—	—	—	9177575

*For post-column derivatization/fluorescence detection applications for a 4.6mm ID column the total system dead volume, including the post-column reactor, must be less than 650µL. For standard post-column reactor systems, we recommend a 250mm x 4.6mm, 5µm column. Call Restek technical service for more information.

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Faster analyses and reduced solvent use!

An Ultra Carbamate column can process as many as 3 to 4 samples per hour, versus less than 2 samples per hour on a general-purpose C18 column.



also available

We also have syringe filters!
See page 373.