

Pinnacle® II Columns: 3µm or 5µm particles; 110Å pore size

Silica manufactured at Restek, for total control of quality and reproducibility. Excellent replacement for the original Hypersil® material. Physical and chromatographic properties similar to our original Pinnacle® materials, but with greater lot-to-lot uniformity.

Pinnacle® II C18 Columns (USP L1)

Chromatographic Properties:

Excellent choice as a general purpose C18 column. Intermediate carbon loading and surface area, suitable for a wide range of acidic to neutral hydrophobic compounds. Replaces Hypersil® ODS and Pinnacle® C18.

| Length | 1.0mm ID | | 2.1mm ID | | 3.2mm ID | | 4.0mm ID | | 4.6mm ID | |
|--------------------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|
| | cat.# | price | cat.# | price | cat.# | price | cat.# | price | cat.# | price |
| 3µm Columns | | | | | | | | | | |
| 30mm | 9214331 | | 9214332 | | 9214333 | | | | 9214335 | |
| 50mm | 9214351 | | 9214352 | | 9214353 | | | | 9214355 | |
| 100mm | 9214311 | | 9214312 | | 9214313 | | | | 9214315 | |
| 5µm Columns | | | | | | | | | | |
| 30mm | 9214531 | | 9214532 | | 9214533 | | | | 9214535 | |
| 50mm | 9214551 | | 9214552 | | 9214553 | | | | 9214555 | |
| 100mm | 9214511 | | 9214512 | | 9214513 | | 9214514 | | 9214515 | |
| 150mm | 9214561 | | 9214562 | | 9214563 | | 9214564 | | 9214565 | |
| 200mm | 9214521 | | 9214522 | | 9214523 | | | | 9214525 | |
| 250mm | 9214571 | | 9214572 | | 9214573 | | | | 9214575 | |

3.0mm ID available on request for 3µm particle applications above 4,000 psi (275 Bar).

Pinnacle® II C18 Guard Cartridges

| Guard Cartridges | 3-pk. (10 x 2.1mm) | 3-pk. (10 x 4.0mm) | 2-pk. (20 x 2.1mm) | 2-pk. (20 x 4.0mm) | price |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| Pinnacle II C18 Guard Cartridge | 921450212 | 921450210 | 921450222 | 921450220 | |

Pinnacle® II C18 HPLC Prep Columns

| Length | 10mm ID | | 21.2mm ID | | 30mm ID | | 50mm ID | |
|--------------------|---------|-------|-----------|-------|---------|-------|---------|-------|
| | cat.# | price | cat.# | price | cat.# | price | cat.# | price |
| 5µm Columns | | | | | | | | |
| 50mm | 9214557 | | 9214558 | | 9214559 | | 9214550 | |
| 100mm | 9214517 | | 9214518 | | 9214519 | | 9214510 | |
| 150mm | 9214567 | | 9214568 | | 9214569 | | 9214560 | |
| 250mm | 9214577 | | 9214578 | | 9214579 | | 9214570 | |



Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 110Å
carbon load: 13%
endcap: fully endcapped
pH range: 2.5 to 8
temperature limit: 80°C



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| allicin | 730 |
| capsaicinoids | 728 |
| morphine sulfate | 738 |
| phenolic antioxidants | 727, 730 |

Chromatogram Search Tool

Search by compound name, synonym, CAS # or keyword

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