

## Pinnacle® II Cyano Columns (USP L10)

### Chromatographic Properties:

Can be used in either reversed phase or normal phase mode. More rugged than bare silica for normal phase applications. Replaces Hypersil® Cyano and Pinnacle® CN.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
<b>3µm Columns</b>								
30mm	9216331		9216332		9216333		9216335	
50mm	9216351		9216352		9216353		9216355	
100mm	9216311		9216312		9216313		9216315	
<b>5µm Columns</b>								
30mm	9216531		9216532		9216533		9216535	
50mm	9216551		9216552		9216553		9216555	
100mm	9216511		9216512		9216513		9216515	
150mm	9216561		9216562		9216563		9216565	
200mm	9216521		9216522		9216523		9216525	
250mm	9216571		9216572		9216573		9216575	

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

## Pinnacle® II Cyano 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 Cyano Guard Cartridge	921650212	921650210	921650222	921650220	\$148

## Pinnacle® II Cyano HPLC Prep Columns

Length	10mm ID		21.2mm ID		30mm ID		50mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
<b>5µm Columns</b>								
50mm	9216557		9216558		9216559		9216550	
100mm	9216517		9216518		9216519		9216510	
150mm	9216567		9216568		9216569		9216560	
250mm	9216577		9216578		9216579		9216570	

## Pinnacle® II Phenyl Columns (USP L11)

### Chromatographic Properties:

The Pinnacle® II Phenyl phase offers unique selectivity versus traditional alkyl chain phases, especially for aromatic compounds. Replaces Hypersil® Phenyl and Pinnacle® Phenyl.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
<b>3µm Columns</b>								
30mm	9215331		9215332		9215333		9215335	
50mm	9215351		9215352		9215353		9215355	
100mm	9215311		9215312		9215313		9215315	
<b>5µm Columns</b>								
30mm	9215531		9215532		9215533		9215535	
50mm	9215551		9215552		9215553		9215555	
100mm	9215511		9215512		9215513		9215515	
150mm	9215561		9215562		9215563		9215565	
200mm	9215521		9215522		9215523		9215525	
250mm	9215571		9215572		9215573		9215575	

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

## Pinnacle® II Phenyl 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 Phenyl Guard Cartridge	921550212	921550210	921550222	921550220	



### Physical Characteristics:

particle size: 3µm or 5µm, spherical  
pore size: 110Å  
carbon load: 4%  
endcap: fully endcapped  
pH range: 2.5 to 8  
temperature limit: 80°C



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also  
available

**Bulk Packing  
Materials**  
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### Physical Characteristics:

particle size: 3µm or 5µm, spherical  
pore size: 110Å  
carbon load: 6%  
endcap: fully endcapped  
pH range: 2.5 to 8  
temperature limit: 80°C