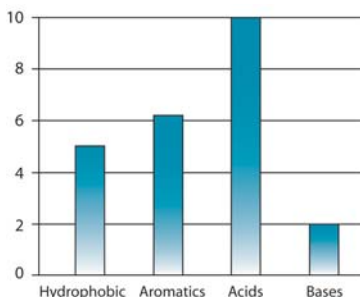




Physical Characteristics:

particle size: 3µm or 5µm, spherical
pore size: 100Å
carbon load: 12%
endcap: no
pH range: 2.5 to 8
temperature limit: 80°C

Ultra II® IBD Retention Profile



Ultra II® IBD Columns

Chromatographic Properties:

An intrinsically base-deactivated (IBD) phase, containing a polar group within, or intrinsic to, the hydrocarbon bonded phase. Unique selectivity and high level of base deactivation, while reducing or eliminating the need for mobile phase additives. Great for mixed polar and nonpolar compounds.

Length	1.0mm ID		2.1mm ID		3.0mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
3µm Columns								
30mm	9605331		9605332		960533E		9605335	
50mm	9605351		9605352		960535E		9605355	
100mm	9605311		9605312		960531E		9605315	
150mm	9605361		9605362		960536E		9605365	
5µm Columns								
30mm	9605531		9605532		960553E		9605535	
50mm	9605551		9605552		960555E		9605555	
100mm	9605511		9605512		960551E		9605515	
150mm	9605561		9605562		960556E		9605565	
200mm	9605521		9605522		960552E		9605525	
250mm	9605571		9605572		960557E		9605575	

Ultra II® IBD Guard Cartridges

Guard Cartridges	3-pk.	3-pk.	2-pk.	2-pk.	price
	(10 x 2.1mm)	(10 x 4.0mm)	(20 x 2.1mm)	(20 x 4.0mm)	
Ultra II IBD Guard Cartridge	960550212	960550210	960550222	960550220	\$145

Ultra II® IBD HPLC Prep Columns

Length	10mm ID		21.2mm ID		30mm ID		50mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
5µm Columns								
50mm	9605557		9605558		9605559		9605550	
100mm	9605517		9605518		9605519		9605510	
150mm	9605567		9605568		9605569		9605560	
250mm	9605577		9605578		9605579		9605570	

Available in 10µm particle size upon request.



Supersize without surprise!

ordering note

We strongly recommend ordering a semi-prep or prep column only after evaluating the desired separation on an equivalent analytical-scale column. Because we cannot re-use a column or the silica it contains once it has left our facility, we cannot accept returns of large-scale columns (except in cases of our error).