

restek **exclusive!****Physical Characteristics:**

particle size: 5µm
 pore size: 300Å
 carbon load: 6.7%
 endcap: yes
 pH range: 2.5 to 8
 temperature limit: 80°C

Viva Biphenyl Columns (USP L11)**Chromatographic Properties:**

Highly base-deactivated wide pore packing that exhibits excellent peak shape for a wide range of compounds; ideal for large molecule and biomolecule assays. Highly retentive and selective phase for aromatic and unsaturated compounds, with increased retention, relative to phenyl phases.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
5µm Columns								
30mm	9516531		9516532		9516533		9516535	
50mm	9516551		9516552		9516553		9516555	
100mm	9516511		9516512		9516513		9516515	
150mm	9516561		9516562		9516563		9516565	
200mm	9516521		9516522		9516523		9516525	
250mm	9516571		9516572		9516573		9516575	

also **available**

3µm particles are available for all Viva phases—
 please inquire.

Viva Biphenyl 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)	
Viva Biphenyl Guard Cartridge	951650212	951650210	951650222	951650220	

Viva PFP Propyl Columns (USP L43)**Chromatographic Properties:**

A pentafluorophenyl phase with a propyl spacer. Highly retentive for basic analytes. Highly base-deactivated wide pore packing that exhibits excellent peak shape for a wide range of compounds, including nucleosides, nucleotides, and halogenated compounds.

Length	1.0mm ID		2.1mm ID		3.2mm ID		4.6mm ID	
	cat.#	price	cat.#	price	cat.#	price	cat.#	price
5µm Columns								
30mm	9519531		9519532		9519533		9519535	
50mm	9519551		9519552		9519553		9519555	
100mm	9519511		9519512		9519513		9519515	
150mm	9519561		9519562		9519563		9519565	
200mm	9519521		9519522		9519523		9519525	
250mm	9519571		9519572		9519573		9519575	

Viva PFP Propyl 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)	
Viva PFP Propyl Guard Cartridge	951950212	951950210	951950222	951950220	

**Physical Characteristics:**

particle size: 5µm, spherical
 pore size: 300Å
 carbon load: 5%
 endcap: yes
 pH range: 2.5 to 8
 temperature limit: 80°C

also **available****Looking for HPLC syringes?**

See pages 346-349.

