

## GC Accessories Capillary GC



### Supelcarb Split Vent Trap

Adsorb toxic compounds longer than with conventional traps.

Typical split vent flow rates of 10-100mL/min carry most of the injected sample into the laboratory atmosphere. Many GC manufacturers recommend venting the split injection systems into a fume hood, but this is often impossible due to space constrictions. Another approach is to connect an adsorbent trap to the split vent outlet.

A Supelcarb Split Vent Trap traps a broad range of organic compounds. The high-capacity carbonaceous adsorbent has been specifically prepared for split vent applications – a narrow particle size distribution and spherical shape allow tight packing and less gas channeling than the irregular shape of activated charcoal particles.

Data show that breakthrough on the Supelcarb trap occurs after approximately 2 weeks at 65mL/min. Breakthrough on other traps often occurs before the manufacturer's recommended replacement time. We recommend using Supelcarb traps for longer effective trapping, and replacing the trap every two weeks.

#### BREAKTHROUGH ON SPLIT VENT TRAPS

	TYPE A	TYPE B	TYPE C	SUPELCARB
Breakthrough Time (Hours)	22.5	49.5	249.0	374.0
Breakthrough Volume (Liters)	88	193	971	1458
No. of Injections Before Breakthrough	45	99	498	748
Manufacturer's Recommended Replacement Time	168 hr	300 inj.	720 hr	336 hr

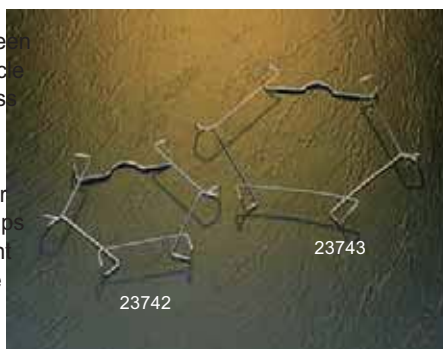
DESCRIPTION	CAT. NO.	PRICE
SUPELCARB SPLIT VENT TRAP STARTER KIT (one trap and an attachment kit)	22536	
REPLACEMENT SUPELCARB TRAPS		
Two Traps	2253502	
Five Traps	2253505	

### Solvent Rinse Kit

Ideal for coating or washing capillary columns. Insert one end of the capillary column into the reservoir fitting and seal with a graphite ferrule. Gas pressure applied through a side arm forces the solution from the reservoir through the column.



DESCRIPTION	CAT. NO.	PRICE
Solvent Rinse Kit	23626	
Supeltex M-4 Ferrules, 0.8mm ID (pk. of 10) <sup>1</sup>	20628	



### Cages for Fused Silica Columns

Unique design with minimal metal-to-column contact reduces the possibility of damaging your column's protective coating. Makes column hanging easier.

DESCRIPTION	CAT. NO.	PRICE
For 0.25mm ID Columns, 6"/15cm (pk. of 3)	23742	
For 0.32mm and 0.53mm ID Columns, 8"/20cm (pk. of 3)	23743	

### Capillary Column Tags

Permanently label your capillary column. Keep loops secure during storage.

- Soft enough to imprint with a ball-point pen
- Big enough for all necessary information
- Lightweight — won't damage your column

DESCRIPTION	CAT. NO.	PRICE
Capillary GC Column Tags (pk. of 100)	23779	



Order: 1.800.325.3010 Technical Service: 1.800.359.3041 Web: www.sigma-aldrich.com/supelco

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