

Capillary GC Columns and Guard Columns/Retention Gaps

Columns by Phase Polarity: *Non-Polar*

I.D. (mm)	d _f (µm)	Length (m)	Beta Value	Cat. No.	Qty
0.53	0.10	15	1325	28064-U	1 ea
	0.50	15	265	28067-U	1 ea
	0.50	30	265	28068-U	1 ea
	1.00	15	133	28069-U	1 ea
	1.00	30	133	28071-U	1 ea
	1.50	15	88	28072-U	1 ea
	1.50	30	88	28073-U	1 ea
	1.50	60	88	28074-U	1 ea
	3.00	15	44	28075-U	1 ea
	3.00	30	44	28076-U	1 ea
	3.00	60	44	28077-U	1 ea
	5.00	15	27	28079-U	1 ea
	5.00	30	27	28081-U	1 ea
	5.00	60	27	28082-U	1 ea

SPB®-1 Capillary GC Column

Application: This column is often used for traditional general purpose applications, where a non-polar column is required. Analytes will be separated primarily according to boiling point.

USP Code: This column meets USP G1, G2, and G9 requirements.

Phase:

- Bonded
- Poly(dimethyl siloxane)

Temp. Limits:

- ≤0.32 mm I.D., <2 µm: -60 °C to 320 °C (isothermal or programmed)
- ≤0.32 mm I.D., ≥2 µm: -60 °C to 300 °C (isothermal or programmed)
- ≥0.53 mm I.D., <2 µm: -60 °C to 300 °C (isothermal) or 320 °C (programmed)
- ≥0.53 mm I.D., ≥2 µm: -60 °C to 260 °C (isothermal) or 280 °C (programmed)

I.D. (mm)	d _f (µm)	Length (m)	Beta Value	Cat. No.	Qty
0.20	0.20	15	250	24162	1 ea
	0.20	30	250	24163	1 ea
	0.33	12	152	24229-U	1 ea
	0.33	25	152	24230-U	1 ea
	1.20	10	42	24134-U	1 ea
0.25	0.10	30	625	24261	1 ea
	0.25	15	250	24026	1 ea
	0.25	30	250	24028	1 ea
	0.25	60	250	24030-U	1 ea
	0.25	100	250	24198	1 ea
	1.00	15	63	24027	1 ea
	1.00	30	63	24029	1 ea
	1.00	60	63	24031	1 ea
	1.00	100	63	24220-U	1 ea
	3.00	60	21	23304-U	1 ea
0.32	0.25	15	320	24099	1 ea
	0.25	30	320	24044	1 ea
	0.25	60	320	24046	1 ea
	1.00	15	80	24098-U	1 ea
	1.00	30	80	24045-U	1 ea
	1.00	60	80	24047	1 ea
	1.00	100	80	24213-U	1 ea
	2.00	30	40	24215-U	1 ea
	2.00	60	40	24216-U	1 ea
	5.00	30	16	24296	1 ea
	5.00	60	16	24297	1 ea

I.D. (mm)	d _f (µm)	Length (m)	Beta Value	Cat. No.	Qty
0.53	0.10	15	1325	25360	1 ea
	0.10	30	1325	25361	1 ea
	0.50	15	265	25314	1 ea
	0.50	30	265	25315	1 ea
	0.50	60	265	25382	1 ea
	1.00	30	133	25417	1 ea
	1.50	15	88	25302-U	1 ea
	1.50	30	88	25303	1 ea
	1.50	60	88	25388	1 ea
	3.00	15	44	25340	1 ea
	3.00	30	44	25341-U	1 ea
	3.00	60	44	25348	1 ea
	5.00	15	27	25344	1 ea
	5.00	30	27	25345-U	1 ea
5.00	60	27	25349	1 ea	
0.75	1.00	60	188	23302-U	1 ea

SLB®-5ms Capillary GC Column

Application: The 5% phenyl equivalent phase provides a boiling point elution order with a slight increase in selectivity, especially for aromatic compounds. The low bleed characteristics, inertness, and durable nature make it the column of choice for environmental analytes (such as semivolatiles, pesticides, PCBs, and herbicides) or anywhere a low bleed non-polar column is required.

USP Code: This column meets USP G27 and G36 requirements.

Phase:

- Bonded and highly crosslinked
- Silphenylene polymer virtually equivalent in polarity to poly(5% diphenyl/95% dimethyl siloxane)

Temp. Limits:

- ≤0.32 mm I.D.: -60 °C to 340 °C (isothermal) or 360 °C (programmed)
- ≥0.53 mm I.D.: -60 °C to 330 °C (isothermal) or 340 °C (programmed)

I.D. (mm)	d _f (µm)	Length (m)	Beta Value	Cat. No.	Qty	
0.10	0.10	10	250	28465-U	1 ea	
	0.10	15	250	28466-U	1 ea	
0.18	0.18	20	250	28564-U	1 ea	
	0.30	12	150	28566-U	1 ea	
	0.30	30	150	28575-U	1 ea	
	0.36	20	125	28576-U	1 ea	
0.20	0.20	30	250	28513-U	1 ea	
0.25	0.10	30	625	28467-U	1 ea	
	0.25	15	250	28469-U	1 ea	
	0.25	30	250	28471-U	1 ea	
	0.25	60	250	28472-U	1 ea	
	0.50	15	125	28577-U	1 ea	
	0.50	30	125	28473-U	1 ea	
	0.50	60	125	28474-U	1 ea	
	1.00	30	63	28476-U	1 ea	
	0.32	0.25	15	320	28557-U	1 ea
		0.25	30	320	28482-U	1 ea
0.32		30	250	28532-U	1 ea	
0.50		15	160	28597-U	1 ea	
0.50		30	160	28484-U	1 ea	
1.00		30	80	28487-U	1 ea	
0.53		0.50	30	265	28541-U	1 ea
		1.00	30	132	28559-U	1 ea