

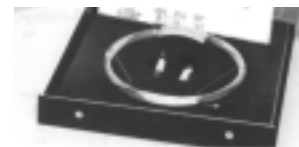
# D2 SGE Capillary Columns

## SGE - Solutions Through Research and Development

SGE's range of capillary columns is based on leading edge technology designed to offer new heights in analytical performance.

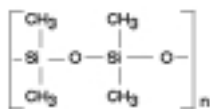
The substitution into the phase backbone of either a benzene molecule (BPX) or an m-carborane molecule (HT) means the column is protected from temperature and chemical degradation (bleed) over time. The result is a robust column which can operate routinely at temperatures 40°-50°C higher than that of conventional columns, yet exhibits remarkably low bleed.

- HIGHEST OPERATING TEMPERATURES
- EXTREMELY LOW BLEED
- EXCELLENT COLUMN INERTNESS
- RESISTANCE TO DEGRADATION BY CHEMICALS, AIR AND WATER



### forte™ BPI

#### 100% Dimethyl Polysiloxane



#### Similar Phases

CP-Sil 5CB, DB- Petro, DB-1, HP-1, HP-1MS, Petrocol DH, Rtx-1, SPB-1, SPB-1Sulfur, Ultra-1

#### Applications

General purpose, hydrocarbons, aromatics, pesticides, phenols, herbicides, amines, fatty acid, methyl esters, GC/MS applications

#### Temperature Range Isothermal/temperature programmed

0.1µm - 1.0µm film: -60°C to 340°C/360°C  
>1.0µm film: -60°C to 280°C/300°C

An industry standard non-polar phase suitable for all routine analysis. An extremely low bleed phase with a high temperature limit of 360°C.

I.D. (mm)	Length (meter)	Film Thickness (µm)	Part Number	Price
0.10	10	0.10	054022	
0.15	12	0.25	054028	
	25	0.25	054029	
0.22	12	0.10	054040	
	12	0.25	054046	
	12	1.00	054052	
	15	0.25	054049	
	25	0.10	054041	
	25	0.25	054047	
	25	1.00	054053	
	30	0.25	054050	
	50	0.10	054042	
	50	0.25	054048	
	50	1.00	054054	
	60	0.25	054051	
0.25	15	0.25	054043	
	30	0.25	054044	
	30	0.50	054820	
	30	1.00	054056	
	60	0.25	054045	
	60	0.50	054812	
0.32	60	1.00	054815	
	12	0.25	054058	
	12	0.50	054064	
	12	1.00	054070	
	15	0.25	054061	
	25	0.25	054059	
	25	0.50	054065	
	25	1.00	054071	
	25	4.00	054076	
	25	5.00	054081	

I.D. (mm)	Length (meter)	Film Thickness (µm)	Part Number	Price
0.32	30	0.25	054062	
	30	0.50	054068	
	30	1.00	054813	
	30	1.50	054811	
	30	3.00	054073	
	30	4.00	054077	
	50	0.25	054060	
	50	0.50	054066	
	50	1.00	054072	
	50	5.00	054082	
	60	0.25	054067	
	60	0.50	054069	
	60	1.00	054810	
	60	5.00	054085	
0.53	12	1.00	054086	
	12	3.00	054097	
	15	0.50	054870	
	15	1.00	054089	
	25	1.00	054087	
	25	3.00	054098	
	25	5.00	054095	
	30	0.50	054092	
	30	1.00	054090	
	30	2.60	054819	
	30	3.00	054808	
	30	5.00	054806	
	50	1.00	054088	
	50	5.00	054096	
	60	0.50	054871	
	60	3.00	054809	
60	3.00	054807		

### BPI - PONA - 100% Dimethyl Polysiloxane

A non-polar phase for PONA analysis. Suitable replacement for: Petrocol DH, DB-Petrol 100.

Temperature Range Isothermal/temperature programmed: -60 to 340/360°C

I.D. (mm)	Length (meter)	Film Thickness (µm)	Part Number	Price
0.15	50	0.50	054950	
0.25	100	0.50	054818	

### SolGel-1ms

100% Dimethyl Polysiloxane - A new robust, high temperature column for mass spectrometers.

- Better MS library identification
- Less bleed - low ion source maintenance
- Better sensitivity
- Can also be used for all non-MS detectors

I.D. (mm)	Length (meter)	Film Thickness (µm)	Part Number	Price
0.25	30	0.25	054795	
0.25	60	0.25	054793	
0.32	30	0.25	054798	
0.32	60	0.25	054794	

Temperature Range Isothermal/temperature programmed: 0 to 370/380°C