

forte™ BPX1

100% Dimethyl Polysiloxane

A 100% polydimethylsiloxane non-polar column for Simulated Distillation in the petroleum industry. This column is coated with a custom-designed phase which gives low, consistent bleed and is ideal for background subtraction. The column is used for ASTM methods D2887 and D6352 and has a maximum temperature up to 430°C for the aluminum clad column.

Similar Phases
DB-2887, DB-HT Sims Dis, HP-1, Petrocol 2887, Petrocol EX2887, Rtx-2887.

I.D. (mm)	Length (meter)	Film Thickness (µm)	Temperature Limits (°C)	Part Number	Price
Polyimide Clad					
0.10	10	0.10	-30 to 400/400	054777	
0.53	6	2.65	-30 to 370/370	0548025	
	10	0.10	-30 to 400/400	054803	
	10	0.90	-30 to 400/400	054801	
	10	2.65	-30 to 370/370	054802	
Aluminum Clad					
0.53	5	0.17	-30 to 430/430	054872	
	5	0.10	-30 to 430/430	054800	
	10	0.10	-30 to 430/430	054779	

forte™ BPX90

90% Cyanopropyl Polysilphenylene-siloxane

forte BPX90 is the latest development in high performance GC Capillary Columns from SGE. It is a unique column in that it is both highly polar and has high thermal stability (280°C). The principal retention mechanism gives *forte* BPX90 a unique selectivity, which allows it to separate compounds that cannot be resolved using conventional columns. *forte* BPX90 is an ideal column for fast high polarity separations in areas such as separation of the cis, trans and positional isomers of FAMES, perfumery, petrochemicals, pesticides, PCBs and aromatics. *forte* BPX90 is also an excellent choice for 2D-GC, in combination with non-polar phases.

Similar Phases
Unique to SGE

I.D. (mm)	Length (meter)	Film Thickness (µm)	Temperature Limits (°C)	Part Number	Price
0.25	15	0.25	280	054570	
	30	0.25	280	054580	
	60	0.25	280	054590	
0.32	15	0.50	280	054573	
	30	0.50	280	054583	
	60	0.50	280	054593	

forte™ CYDEX-B

Permethyated Beta Cyclodextrin (chiral) for Chiral Analysis

Chiral column for the separation of enantiomeric compounds found in natural products. Suitable replacement for: Cyclodex-B, Rt-BDEXm.

I.D. (mm)	Length (meter)	Film Thickness (µm)	Temperature Limits (°C)	Part Number	Price
0.22	25	0.25	30 to 220/240	054900	
	50	0.25	30 to 220/240	054901	
0.32	25	0.25	30 to 220/240	054902	

forte™ BPX-Volatiles

Cyanopropylphenyl Polysiloxane

A polar phase used for EPA volatile organics analysis (EPA 624, SW-846 8240/8260), alcohol analysis and for USP G43. Suitable replacement for: DB-624, Rtx Volatiles, VOCOL, OV-624, AT-624.

I.D. (mm)	Length (meter)	Film Thickness (µm)	Temperature Limits (°C)	Part Number	Price
0.18	20	1.0	0 to 290/300	054978	
	40	1.0	0 to 290/300	054979	
0.25	30	1.4	0 to 290/300	054980	
	60	1.4	0 to 290/300	054981	
0.32	30	1.8	0 to 290/300	054982	
	60	1.8	0 to 290/300	054983	
0.53	30	3.0	0 to 290/300	054984	
	60	3.0	0 to 290/300	054985	

Temperature Range Isothermal/temperature programmed: 0 to 290/300°C

forte™ BP225

50% Cyanopropylphenyl Polysiloxane

Useful for the analysis of Fatty Acid Methyl esters (FAMES), carbohydrates, and neutral sterols Suitable replacement for: HP-225, DB-225, Rtx-225.

I.D. (mm)	Length (meter)	Film Thickness (µm)	Temperature Limits (°C)	Part Number	Price
0.22	25	0.25	40 to 230/260	054352	
	50	0.25	40 to 230/260	054353	
0.32	25	0.25	40 to 230/260	054358	
0.53	25	0.50	40 to 230/260	054364	