




SolGel-1ms™ has a robust, inert, high temperature, non-polar phase for use with mass spectrometers.

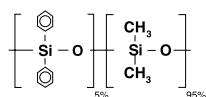
- Highly inert.
- Less bleed means:
 - Better MS library identification.
 - Less ion source maintenance.
 - Better sensitivity.
- Can also be used for all non-MS detectors.
- Same selectivity as BP1.
- 340 /360 °C upper temperature limit.

GC Columns and Applications

Especially Suitable for these Industries:	  
Application Areas:	Recommended for highly active compounds. Applications ARO14, ENV51.
Operating Temperature:	0.25 µm film thickness 0 °C to 340/360 °C.
Suitable Replacement for:	DB-1, DB-Petro, HP-1, HP-1MS, Rtx-1, Ultra-1, SPB-1, SPB-1 Sulfur, Petrocol DH, CP-Sil 5CB, VB-1, ZB-1, VF-1ms.


ID (mm)	Film Thickness (µm)	Length (m)	Temperature Limits (°C)	Part No.
0.25	0.25	30	0 to 340/360	054795
0.25	0.25	60	0 to 340/360	054793
0.32	0.25	30	0 to 340/360	054798
0.32	0.25	60	0 to 340/360	054794

GC Capillary Columns | 5% Phenyl / 95% Dimethyl Polysiloxane



BP5

- Excellent general purpose GC column.
- Low bleed.
- Non-polar.
- High temperature.
- 320/340 °C upper temperature limit - dependent on film thickness.

Especially Suitable for these Industries:	 All Industries
Application Areas:	General purpose, aromatics, pesticides, herbicides, drugs of abuse, hydrocarbons, solvent impurities, PCB congeners or Aroclor mixes, essential oils, semivolatiles. Applications FOO02, AMI03, PHA08, PHA 10.
Suitable Replacement for:	DB-5, Rtx-5, HP-5, Ultra-2, PTE-5, SPB-5, MDN-5, CP-Sil 8CB, VB-5, ZB-5.

ID (mm)	Film Thickness (µm)	Length (m)	Temperature Limits (°C)	Part No.
0.22	0.25	12	-60 to 320/340	054167
0.22	0.25	25	-60 to 320/340	054168
0.22	0.25	30	-60 to 320/340	054171
0.22	0.25	50	-60 to 320/340	054169
0.22	1	50	-60 to 320/340	054175
0.25	0.25	15	-60 to 320/340	054182
0.25	0.25	30	-60 to 320/340	054183
0.25	0.5	30	-60 to 320/340	054202
0.25	1	30	-60 to 320/340	054203

For your instrument specific septa see the Instrument Quick Pick Guide on pages 167-180.

BP5

ID (mm)	Film Thickness (µm)	Length (m)	Temperature Limits (°C)	Part No.
0.25	0.25	60	-60 to 320/340	054184
0.25	1	60	-60 to 320/340	054215
0.32	0.25	12	-60 to 320/340	054179
0.32	0.25	15	-60 to 320/340	054176
0.32	0.25	25	-60 to 320/340	054180
0.32	0.5	25	-60 to 320/340	054186
0.32	1	25	-60 to 320/340	054192
0.32	0.25	30	-60 to 320/340	054177
0.32	0.5	30	-60 to 320/340	054216
0.32	1	30	-60 to 320/340	054189
0.32	0.5	50	-60 to 320/340	054187
0.32	1	50	-60 to 320/340	054193
0.32	0.25	60	-60 to 320/340	054178
0.32	1	60	-60 to 320/340	054188
0.53	1	12	-60 to 320/340	054197
0.53	1	15	-60 to 320/340	054194
0.53	1.5	15	-60 to 320/340	054199
0.53	1	25	-60 to 320/340	054198
0.53	0.5	30	-60 to 320/340	0541935
0.53	1	30	-60 to 320/340	054195
0.53	5	30	-60 to 280/300	054196
0.53	1.5	60	-60 to 280/300	054204

GC Columns and Applications

Expert Tip :

If the injection port temperature is not specified in the method, 250 °C is usually the recommended temperature.




GC Capillary Columns | 5% Phenyl Polysilphenylene-siloxane

BPX5

- High temperature.
- General purpose GC column – suitable for over 80% of all routine analyses performed by gas chromatography.
- Very low bleed – ideal for trace analysis.
- Non-polar.
- Extremely inert.
- Ideal for GC-MS.
- 360 – 370 °C upper temperature limit – dependent on film thickness.

Recommended column for General Purpose use.

Especially Suitable for these Industries:	 All Industries
Areas:	Ultra trace analyses, pesticides/herbicides, hydrocarbons, solvents, phenols, amines, GC/MS and other specific detector applications. Applications ENV62, ARO09, ENV20, ENV03, ENV48, ENV59, ENV84, FOO21, FLA14, FLA16, FLA15, FLA12 FLA13, ENV54, PET22, SOL33 PHA06, PHA08, PHA15.
Suitable Replacement for:	DB-5, DB-5ms, DB-5.625, XTI-5, Rtx-5ms, Ultra-2, HP-5, HP-5MS, HP5-TA, SPB-5, MDN-5S, CP-Sil8CB, Rxt-Sil 5MS, AT-5ms, VB-5, ZB-5, VF-5ms.

ID (mm)	Film Thickness (µm)	Length (m)	Temperature Limits (°C)	Part No.
0.1	0.1	10	-40 to 360/370	054099
0.15	1.2	10	-40 to 360/370	054106
0.15	0.25	12	-40 to 360/370	054103
0.15	0.4	12	-40 to 360/370	054107
0.15	0.25	25	-40 to 360/370	054104
0.15	0.4	25	-40 to 360/370	054108