

TRAJAN (SGE) GC Columns Phases Details

Phase	Description	Phase Attribute	Polarity	Operation Temp.
BP1	100% Dimethyl Polysiloxane	General -Purpose Column; Low Bleed	Non - Polar	0.1-1.0um- 60C to 340/360C: 1.5-5.0um -60C to 280 / 300C
BPX1	100% Dimensionally Stabilized methylpolysiloxane	Ideal for simulated distillations (e.g ASTM D2887 in the petroleum Industry)	Non - Polar	0.1um Film to 430C: 0.9um film to 400C: 2.65um film to 370C
BPX5	5% Phenyl Polysilphenylenesiloxane	Ideal for GC-MS, ECD : Ultra Low Bleed	Non - Polar	-40 to 360/370C
BP5	5% Phenyl 95% Dimethyl Polysiloxane	General Purpose Column : Low Bleed	Non - Polar	0.25-1.5um 340/350C >= 1.5um 280/300C
BP5MS	5% Phenyl Polysilphenylene - Siloxane	General Purpose MS Analys Column	Non - Polar	-40 to 330/350C
HT5	5% Phenyl Polysiloxane -carborane	High Temperature; Well Suited to the Petroleum : C5 -C120 Analysis	Non - Polar	Polyimide Clad 0.1-1.0um 10C to 380/400C: Aluinum Clad 0.1-0.5um 10C to 460/480C
HT8	8% Phenyl Polysiloxane - carborane	Ideal for PCB Analysis : Low Bleed	Non - Polar	0.1-1.0um - 20C to 360/370C
BP10 (1701)	14% Cyanopropylphenyl	Used in environmental analysis : Low bleed	Moderately Polar	-20C to 280/300C
BPX35	35% Phenyl Polysilphenylene - siloxane	Ultra Low Bleed; Ideal for Pesticides/ herbicides	Moderately Polar	0.1-1.0um 0c to 360/370C
BPX50	50% Phenyl Polysilphenylenesiloxane	ultra Low Bleed; Ideal for Pharmaceuticals	Moderately Polar	0.1-1.0um 0C to 360/370C
BP20 (WAX)	Polyethylene glycol	Suitable for use in GC-MS Systems; alcohols / free acids	Polar	0.1-<1.0um 20C to 260/280C; >=1.um 240/260C
BP21 (FFAP)	Polyethylene glycol	Bonded FFAP; Alcohols / free Acids	Polar	0.0-1.0m 35C to 240/260C
BPX70	70% Cyanopropyl Polysilphenylenesiloxane	Optimized for FAME; Lowe bleed	Highly Polar	0.1-1.0um 50C to 250/260C
BPX608	35% Phenyl Polysilphenylene - siloxane	Optimized for separation of EPA 608 organics Chlorinated Pesticides	Moderately Polar	0C to 360/370C
BP624	Cyanopropylphenyl Dimethyl Polysiloxane	Optimized for Analysis of EPA Drinking water target components	Slightly Polar	1.4um - 0c to 230/240C, 1.8um - 0C to 230/240C, 3.0um - 0C to 230/240C
BPX - VOLATILES	Cyanopropyl Polysilphenylene	Optimized for Analysis of EPA Volatile Organics analysis	Polar	0C to 290/300C
BP1-PONA	100% Dimethyl Polysiloxane	Optimized for the analysis of gasoline hydrocarbons	Non - Polar	-60C to 280/300C
SolGel - 1ms™	100% Dimethyl polysiloxane in a Sol-Gel Matrix	High Temperature insert GC MS Column	Non - Polar	0C to 380C
SolGel - WAX™	Polyethylene glycol in a Sol -Gel Matrix	High Temperature insert GC MS	Polar	-30C to 300C
CYDEX- B	Permethylated Betacyclodextrin in OV1701	Chiral Separations	-	30C to 220/240C
BPX90	90% Cyanopropyl Polysilphenylene-siloxane	Unique Bonded Phase	Highly Polar	80C to 260 / 280C
BPX - BIOD	BPX-BIOD GC column is tested at the maximum operating temperature for the colum	Optimized for Specified ASTM and EN Biodiesel	Non - Polar	-40C to 360/370C
BPX - DXN	Unique High Temperature Column	Dioxins and related Compounds, Ideal for GC-MS	Non - Polar	-40C to 360/370C
BPX-PCB	8% Phenyl Polycarbonrane -Siloxane	Unique High Trmperature analysis of POPs.	-	20C to 360/370C