

# Gas Chromatography Columns

## Phase Cross-reference

Phase	Phase Description	Equivalent Phase
Elite-1, Elite-1ht	100% Dimethyl	Packed: OV-1, OV-101, SP-2100, DC-200, UC-W982, S 96, CP-Sil 5, SE-30 Capillary: DB-1, DB-1ht, HP-1, HP-101, Ultra-1, SPB-1, CP-Sil 5CB, CI-Sil5CBMS, RSL-150, RSL-160, Rtx-1, BP-1, CB-1, OV-1, 007-1(MS), SP-2100, SE-30
Elite-5, Elite-5ms, Elite-5ht	5% Diphenyl – 95% Dimethyl	Packed: OV-3, OV-73, Dexsil 300, Fluorolube, CP-Sil 8 Capillary: DB-5, DB-5ms, DB-5ht, HP-5, Ultra-2, SPB-5, CP-Sil 8CB, RSL-200, Rtx-5, BP-5, CB-5, OV-5, 007-2(MPS-5), SE-52, SE-54, XTI-5, Rtx-5 ms, PTE-5, HP-5MS
Elite-35, Elite-35ms	35% Phenyl – 65% Methyl	Capillary: DB-35, DB-35ms, Rtx-35, SPB-35, AT-35, Sup-Herb
Elite-17, Elite-17ht, Elite-17ms	50% Phenyl – 50% Methyl	Packed: OV-17, OV-11, OV-22, SP-2250, DC-710 Capillary: DB-17, DB-17ht, HP-17, RSL-300, Rtx-50, 007-17(MPS-50), SP-2250, HP-50+
Elite-1301	6% Cyanopropylphenyl – 94% Methyl	Capillary: DB-1301, Rtx-1301, CP-624
Elite-1701	14% Cyanopropylphenyl – 86% Dimethyl	Packed: OV-1701 Capillary: DB-1701, SPB-7, CP-Sil 19CB, Rtx-1701, BP-10, CB-1701, OV-1701, 007-1701
Elite-225	50% Cyanopropylmethyl– 50% Phenylmethyl	Packed: OV-225, Silar 5 CP Capillary: DB-225, HP-225, SP-2330, CP-Sil 43CB, RSL-500, Rtx-225, BP-225, CB-225, OV-225, 007-225
Elite-WAX	Polyethylene Glycol	Packed: Carbowax 20M, SUPEROX, SUPELCOWAX 10, PEG Capillary: DB-FFAP, HP-20M, SUPELCOWAX 10, CP-WAX 52CB, SUPEROX II, CB-WAX, STABILWAX, BP-20, Elite-CW, 007-CW, Carbowax, HP-Innowax
Elite-FFAP	Polyethylene Glycol – Acid Modified	Packed: OV-351, FFAP, Carbowax 20M-Terephthalic acid Capillary: DB-WAX, HP-FFAP, Nukol, SUPEROX FA, STABILWAX-DA, 007-FFAP, OV-351, DB-FFAP
Elite-608	Specialty phase for semivolatle pesticides (EPA 608)	Capillary: SPB-608, NON-PAKD Pesticide, DB-608, 007-608, HP-608
Elite-624, Elite-Volatiles	Specialty phase for volatiles (EPA 624 and 502.2)	Capillary: DB-624, DB-VRX, VOCOL, NONPAKD AT-624, Rtx-Volatiles, Rtx-502.2, 007-624, 007-502, HP-624, CP-624, Rtx-624
Elite-PONA	Dimethylpolysiloxane processed for detailed analysis of petroleum naphtha	Capillary: DB-Petro100, Petrocol DH, HP-PONA, SPB-1, 007-1, Rtx-1 PONA
Elite-Betacydex	Betacyclodextrin for chiral separations	Capillary: Cyclodex-B, LIPODEX C, Chirasil-D/L-Val, Rt-bDEXm
Elite-Q	PLOT phase for analysis of light gases and hydrocarbons	Packed: Chomosorb 101, HayeSep Q, Porapak Q Capillary: GS-Q, PoraPLOT Q, Rt-QPLOT
Elite-Alumina	PLOT phase for analysis of light hydrocarbons	Packed: Alumina Capillary: GS-Alumina, Al <sub>2</sub> O <sub>3</sub> /KC1, Al <sub>2</sub> O <sub>3</sub> /Na <sub>2</sub> SO <sub>4</sub> , RT-Alumina
Elite-Molesieve	PLOT phase for analysis of permanent gases	Packed: Molesieve 5A Capillary: GS-Molesieve, Molesieve 5A, #PLT-5A, Rt-Molesieve 5A