

# Stationary Phase Cross-References

| GS-Tek                                 | Phase Composition   | Restek                      | Agilent  | Supelco  | Alltech                    | Macherey-Nagel               | SGE             | Varian/Chrom-pack                               | Phenomenex | Quadrex          | USP                     |
|--|---|-----------------------------|--|--|----------------------------|------------------------------|-----------------|---|------------|------------------|-------------------------|
| GsBP-1<br>GsBP-1MS                     | 100% dimethyl polysiloxane  | Rxi-1ms, Rtx-1, Rtx-1MS     | HP-1, HP-101, HP-1MS, Ultra-1, DB-1, DB-1MS, DB-1ht, SE-30 | Equity-1, SPB-1, SP-2100, SPB-1 Sulfur, SE-30, MDN-1   | AT-1, SE-30, AT-1MS, EC-1  | Optima 1, Optima-1ms         | BP-1            | VF-1MS, CP Sil 5 CB, CP Sil 5 CB MS, SolGel-1MS | ZB-1       | 007-1            | G1, G2, G38             |
| GsBP-5<br>GsBP-5MS                     | 95% dimethyl/ 5% diphenyl polysiloxane                              | Rxi-5ms, Rtx-5, Rtx-5MS     | HP-5, HP-5MS, PAS-5, DB-5, DB-5.625, DB-5ht, SE-54         | Equity-5, SPB-5, PTE-5, SE-54, SAC-5, PTE-5 QTM, MDN-5 | AT-5, SE-54, AT-5MS, EC-5  | Optima 5, Optima-5ms         | BP-5            | VF-5MS, CP Sil 8 CB, CP Sil 8 CB MS             | ZB-5       | 007-2            | G27, G36                |
| GsBP-XLB                               | Proprietary phase   | Rtx-XLB                     | DB-XLB   | MDN-12   |                            |                              |                 |   |            |                  |                         |
| GsBP-35MS                              | 65% dimethyl/ 35% diphenyl polysiloxane                             | Rtx-35, Rtx-35MS            | HP-35, HP-35MS, DB-35                                      | SPB-35, SPB-608, MDN-35                                | AT-35, AT-35MS, EC-35      |                              | BPX-35, BPX-608 | VF-35MS   | ZB-35      | 007-11           | G42                     |
| GsBP-50+MS                             | 100% methyl phenyl polysiloxane                                     | Rxi-50                      | HP-17, HP-50+  | SPB-17   | AT-50, AT-50MS             | Optima 17                    | BPX-50          | VF-17MS, CP Sil 24 CB                           | ZB-50      | 007-17           | G3                      |
| GsBP-1301                              | 8% cyanopropylphenol/ 92% dimethyl polysiloxane                     | Rtx-1301                    | DB-1301  | SPB-1301   | AT-1301                    | Optima 1301                  |                 |   | ZB-1301    |                  | G43                     |
| GsBP-1701                              | 14% cyanopropylphenol/ 86% dimethyl polysiloxane                    | Rtx-1701                    | HP-1701, PAS-1701, DB-1701                                 | SPB-1701   | AT-1701                    | Optima 1701                  | BP-10           | CP Sil 19 CB                                    | ZB-1701    | 007-1701         | G46                     |
| GsBP-624,<br>GsBP-VMS                  | Proprietary phase   | Rtx-VRX<br>Rtx-624, Rtx-VMS | HP-624, HP-VOC, DB-624, DB-502.2, DB-VRX                   | SPB-VOCCOL, SPB-624                                    | AT-624                     |                              |                 | CP Sil 13 CB                                    | OV-624     | 007-624, 007-502 | G43                     |
| GsBP-Inowax                            | Polyethylene glycol (PEG)   | Stabilwax, Rtx-WAX          | HP-20M, Inno Wax, DB-Wax, Carbowax 20M, HP Wax, DB-Waxetr  | Supelcowax-10, Carbowax PEG 20M                        | AT-Wax, Carbowax, AT-WAXMS | Permabond CW 20M, Optima WAX | BP-20           | CP Wax 52 CB                                    | ZB-WAX     | 007-CW           | G14, G15, G16, G20, G39 |
| GsBP-FFAP                              | Acid modified PEG   | Stabilwax-DA                | HP-FFAP, DB-FFAP, OV-351                                   | Nukol, SP-1000   | AT-1000, FFAP              | Permabond FFAP, Optima FFAP  | BP-21           | CP Wax 58 CB                                    |            | 007-FFAP         | G25, G30                |
| GsBP-PLOT<br>Al2O3/<br>"KCl", "S", "M" | Aluminum oxide, modified with KCL, Na2SO4 or Na2MoO4                | Rtx-Alumina                 | HP-PLOT Al2O3 "KCl", "S", "M"                              | Alumina Sulfate PLOT, Alumina Chloride PLOT            | Alumina-PLOT               |                              |                 | CP-Al2O3/Na2SO4, CP-Al2O3/KCl                   |            |                  |                         |
| GsBP-PLOT<br>MoleSieves 5A             | Molecular Sieve zeolite, 5A   | Rt-Msieve 5A                | GS-Molesieve, HP-PLOT/Molesieve                            | Molesieve 5A   | AT-Molesieve               |                              |                 | CP-Molsieve 5A                                  |            | PLT-5A           |                         |
| GsBP-PLOT Q                            | Crosslinked divinylbenzene polymer                                  | Rt-QPLOT<br>Rt-QSPLOT       | HP-PLOT Q, GS-Q  | Supel-Q PLOT   | AT-Q                       |                              |                 | CP-PoraPLOT Q, CP-PoroBond Q                    |            |                  |                         |
| GsBP-PLOT U                            | Crosslinked divinylbenzene ethylene glycol dimethacrylate copolymer | Rt-UPLOT                    | HP-PLOT U  |  |                            |                              |                 | CP-PoraPLOT U                                   |            |                  |                         |
| GsBP-PLOT<br>GasPro                    | Modified porous silica layer  |                             | GS-GasPro  |  |                            |                              |                 | CP-SilicaPLOT                                   |            |                  |                         |
| GsBP-PLOT<br>Carbon                    | Activated Carbon  |                             | GS-Carbon PLOT   | Carboxen-1006 PLOT                                     |                            |                              |                 | CP-Carbon PLOT P7                               |            |                  |                         |