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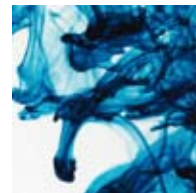


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Columns by Phase

| Restek | Phase Composition | USP Nomenclature* | Agilent | Varian | SGE | Phenomenex | Macherey-Nagel | Supelco | Alltech | Quadrex |
|-----------------------------|---|---------------------------------------|--|---|--------------------|----------------------|----------------------------|---------------------------------|----------------|-----------------------|
| Rtx-1 (p. 47) | 100% dimethyl polysiloxane | G1, G2, G38 | HP-1 / DB-1 | CP Sil 5 CB | BP-1 | ZB-1 | Optima-1 | SPB-1 | AT-1 | 007-1 |
| Rxi-1ms (p. 40) | 100% dimethyl polysiloxane (low bleed) | HP-1/ HP-1ms DB-1/ DB-1ms, Ultra-1 | VF-1ms / ZB-1ms CP-Sil 5 CB, Low Bleed/MS | | | | Optima-1/ Optima-1ms | SPB-1, E Equity-1 | AT-1 | 007-1 |
| Rtx-5 (p. 48, 76) | 5% diphenyl 95% dimethyl polysiloxane | G27, G36 | HP-5/ DB-5 | CP-Sil 8 / CP Sil 8 CB | BP-5 | ZB-5 | Optima-5 | SPB-5 | AT-5 | 007-2 |
| Rxi-5HT (p. 44) | 5% phenyl 95% dimethyl polysiloxane | | DB-5HT | VF-5HT | | ZB-5HT | | | | |
| Rxi-5ms (p. 41) | 5% diphenyl 95% dimethyl polysiloxane (low bleed) | G27, G36 | HP-5/ HP-5ms DB-5, Ultra-2 | | | | | SPB-5, Equity-5 | AT-5ms | 007-2 |
| Rxi-5Sil MS (p. 42, 78, 88) | 5% phenyl arylene 95% dimethyl polysiloxane | | DB-5ms | VF-5ms / CP-Sil 8 CB Low Bleed/MS | BPX-5 | ZB-5ms | Optima-5ms | SLB-5 | | |
| Rxi-XLB (p. 44, 85) | Arylene/methyl modified polysiloxane | | DB-XLB | VF-XMS | | MR1 | | | | |
| Rtx-20 (p. 49) | 20% diphenyl 80% dimethyl polysiloxane | G28, G32 | | | | | | SPB-20 | AT-20 | 007-7 |
| Rtx-35 (p. 49) | 35% diphenyl 65% dimethyl polysiloxane | G42 | HP-35, DB-35 | VF-35ms | BPX-35, BPX-608 | ZB-35 | | SPB-35, SPB-608 | AT-35 | 007-11 |
| Rxi-35Sil MS (p.44) | 35% phenyl arylene polysiloxane | | DB-35ms | | | MR2 | | | | |
| Rtx-50 (p. 50) | 100% phenyl methyl polysiloxane (50% phenyl) | G3 | HP-50 | | AT-50 | | Optima-17 | SPB-50 | AT-50 | 007-17 |
| Rxi-17 (p. 45) | 50% diphenyl 50% dimethyl polysiloxane | | HP-17, DB-17 | CP-Sil 24 CB / VF-17ms | | | ZB-50 | | | |
| Rtx-65 (p. 50) | 65% diphenyl 35% dimethyl polysiloxane | G17 | | | | | | | | 400-65HT, 007-65HT |
| Rtx-1301 (p. 53, 74) | 6% cyanopropyl phenyl | G43 | HP-1301, HP-624, DB-1301, DB-624 | CP-1301, VF-1301ms, VF-624ms | BP-624 | ZB-624 | Optima-1301, Optima-624 | SPB-1301 | AT-624 | 007-1301 |
| Rtx-624 (p. 74) | 94% dimethyl polysiloxane | | | | | | | | | |
| Rtx-1701 (p. 54) | 14% cyanopropyl phenyl 86% dimethyl polysiloxane | G46 | HP-1701, PAS-1701, DB-1701 | CP Sil 19 CB, VF-1701ms | BP-10 | ZB-1701, ZB-1701P | Optima-1701 | SPB-1701 | AT-1701 | 007-1701 |
| Rtx-200 (p. 52) | trifluoropropyl methyl polysiloxane | G6 | DB-210, DB-200 | VF-200ms | | | Optima-210 | | AT-210 | 007-210 |
| Rtx-200ms (p. 52) | trifluoropropyl methyl polysiloxane (low bleed) | | | VF-200ms | | | | | | |
| Rtx-225 (p. 53) | 50% cyanopropyl 50% phenylmethyl polysiloxane | G7, G19 | HP-225, DB-225 | CP Sil 43 CB | BP-225 | | Optima-225 | | AT-225 | 007-225 |
| Rtx-440 (p. 51) | modified polysiloxane (unique phase) | | | unique column | | | | | | |
| Rt-2330 (p. 55) | 90% biscyanopropyl 10% cyanopropyl phenyl polysiloxane | G48 | | | BPX-70 | | | SP-2330, SP-2331, SP-2380 | AT-Silar | |
| Rt-2560 (p. 55) | bicyanopropyl polysiloxane | | HP-88 | CP Sil 88 | | | | SP-2560 | | |
| Rtx-Wax (p. 56) | polyethylene glycol | G14, G15, G16, G20, G39 | HP-Wax, DB-Wax | CP Wax 52 CB | BP-20 | ZB-Wax | Optima Wax | | AT-Wax | |
| Stabilwax (p. 57, 75) | polyethylene glycol | G14, G15, G16, G20, G39 | Innowax | CP Wax 52 CB | | | | Supelcowax-10 | | |
| Restek | Phase Composition | USP Nomenclature | Agilent | Varian | SGE | Phenomenex | Macherey-Nagel | Supelco | Alltech | Quadrex |
| Rt-Alumina BOND (p. 98) | Na2SO4 deactivation | | GS-Alumina, HP PLOT S | CP-AL203 / Na2SO4 | | | Alumina-PLOT | AT-Alumina | | |
| Rt-MSieve 5A (p. 99) | | GS-MSieve, HP PLOT Molsieve | CP-Molsieve 5A | | | | | Molsieve 5A | AT-Molsieve | PLT-5A |
| Rt-Q-BOND (p. 100) | 100% divinylbenzene | | CP-PoraPLOT Q, CP-PoraBond Q | | | | | Supel-Q-PLOT | AT-Q | |
| Rt-QS-BOND (p. 100) | porous divinyl benzene homopolymer | GS-Q | | | | | | | | |
| Rt-S-BOND (p. 100) | divinylbenzene 4-vinylpyridine | | CP-PoraPLOT S | | | | | Supel-G45 | | |
| Rt-U-BOND (p. 100) | divinylbenzene ethylene glycol/ dimethylacrylate | HP-PLOT U | CP-PoraPLOT U, CP-PoraBond U | | | | | Supel-N PLOT | | |