

Column Cross-References

Columns by Phase Composition

Restek	Phase Composition	Agilent/J&W	Supelco	Alltech	Macherey-Nagel
Rtx-1, Rtx-1MS (p.32) Sbx-1HT (p.37)	100% dimethyl polysiloxane	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
Rtx-5, Rtx-5MS (p.38) XTI-5 (p.39), Sbx-5HT (p.37)	95% dimethyl/ 5% diphenyl polysiloxane	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
Rtx-5SII MS (p.41)	95% dimethyl/ 5% diphenyl polysilylene	HP-5TA, DB-5ms	MDN-5S	—	—
Rtx-1301 (p.50), Rtx-624 (p.74)	6% cyanopropylphenyl/ 94% dimethyl polysiloxane	HP-1301, HP-624, DB-1301, DB-624	SPB-1301	AT-624	Optima 1301, Optima 624
Rtx-20 (p.44)	80% dimethyl/ 20% diphenyl polysiloxane	—	SPB-20, VOCOL	AT-20	—
Rtx-35, Rtx-35MS (p.45)	65% dimethyl/ 35% diphenyl polysiloxane	HP-35, HP-35MS, DB-35	SPB-35, SPB-608, MDN-35	AT-35, AT-35MS, EC-35	—
Rtx-1701 (p.51)	14% cyanopropylphenyl/ 86% dimethyl polysiloxane	HP-1701, PAS-1701, DB-1701	SPB-1701	AT-1701	Optima 1701
Rtx-200, Rtx-200MS (p.53)	trifluoropropylmethyl polysiloxane	DB-210, DB-200	—	AT-210	Optima 210
Rtx-17 (p.47)	50% dimethyl/ 50% diphenyl polysiloxane	DB-17, DB-17HT, DB-608	—	—	—
Rtx-50 (p.47)	100% methylphenyl polysiloxane	HP-17, HP-50+	SP-2250, SPB-50	AT-50, AT-50MS	Optima 17
Rtx-65, Rtx-65TG (p.48-49)	35% dimethyl/ 65% diphenyl polysiloxane	—	—	—	—
Rtx-225 (p.52)	50% cyanopropylmethyl/ 50% phenylmethyl polysiloxane	HP-225, DB-225	—	AT-225	Optima 225
Stabilwax (p.55), Rtx-WAX (p.58)	polyethylene glycol (PEG)	HP-20M, Inno Wax, DB-Wax, Carbowax 20M, HP-Wax, DB-Waxetr	Supelcowax-10, Carbowax PEG 20M	AT-Wax, Carbowax, AT-WAXMS	Permbond CW 20M, Optima WAX
Stabilwax-DB (p.57)	PEG for amines and basic compounds	CAM	Carbowax-Amine	—	—
Stabilwax-DA (p.56)	PEG for acidic compounds	HP-FFAP, DB-FFAP, OV-351	Nukol, SP-1000	AT-1000, FFAP	Permbond FFAP, Optima FFAP
Rtx-2330 (p.54)	90% biscyanopropyl/ 10% cyanopropylphenyl polysiloxane	—	SP-2330, SP-2331, SP-2380	AT-Silar	—
Rt-2560 (p.54)	biscyanopropyl polysiloxane	—	SP-2560	—	—
Rt-βDEXm (p.78)	permethylated β cyclodextrin	Cyclodex-β	β-DEX	Chiraldex-β	—
Rtx-TCEP (p.60)	1,2,3-tris(cyanoethoxy)propane	—	TCEP	—	—
Rtx-440 (p.43)	restek exclusive	—	—	—	—
Sbx-500 (p.66)	phenyl polycarborane-siloxane	—	—	—	—
Rtx-XLB (p.42)	proprietary phase	DB-XLB	—	—	—
Column Features					
Integra-Guard (p.29)	built in guard column	DuraGuard	—	—	—
MXT	Silcosteel-treated stainless steel	ProSteel	Metallon	—	—

Columns by Application

Restek	Application	Agilent/J&W	Supelco	Alltech	SGE
Rtx-VMS (p.70), Rtx-VGC (p.71)	EPA volatiles organics methods 502.2, 524.2, 601, 602, 624, 8010, 8020, 8240, 8260	restek exclusive	—	—	—
Rtx-VRX (p.72), Rtx-502.2 (p.73), Rtx-624 (p.74), Rtx-Volatiles (p.73)	EPA volatiles organics methods 502.2, 524.2, 601, 602, 624, 8010, 8020, 8240, 8260	HP-624, HP-VOC, DB-624, DB-502.2, DB-VRX	VOCOL, SPB-624	AT-624	—
Rtx-CLPesticides, Rtx-CLPesticides2 (p.64) Sbx-CLPesticides, Sbx-CLPesticides2 (p.62)	EPA Methods 8081, 608, and CLP Pesticides	restek exclusive	—	—	—
Rtx-OPPesticides, Rtx-OPPesticides2 (p.61)	EPA Method 8141A OP Pesticides	restek exclusive	—	—	—
Rtx-5 (p.38), Rtx-35 (p.45), Rtx-50 (p.47), Rtx-1701 (p.51)	EPA 608 Pesticides	HP-5, PAS-5, DB-5, DB-35, DB-608, HP-608, PAS-1701, DB-1701, DB-17, HP-50, HP-35	SPB-5, SPB-608, SPB-1701	AT-5, AT-35, AT-50, AT-1701, AT-Pesticides	BP-5, BP-10, BP-608
Rtx-2887 (p.36)	ASTM Test Method D2887	DB-2887	Petrocol 2887, Petrocol EX2887	—	—
Rtx-1PONA (p.34)	PONA Analysis	HP-PONA, DB-Petro	Petrocol DH	AT-Petro	BP1-PONA
MXT-500 Sim Dist (p.35)	Simulated Distillation	—	—	—	HT-5
Rtx-5 Amine (p.40)	Amines and Basic Compounds	—	PTA-5	—	—
FAMEWAX (p.59)	Fatty Acid Methyl Esters (FAMES)	—	Omegawax	—	—
Rtx-BAC1, Rtx-BAC2 (p.76)	Blood Alcohol Analysis	DB-ALC1, DB-ALC2	—	—	—
Rtx-G27 (p.77)	Residual Solvents in Pharmaceuticals	—	—	—	—
Rtx-G43 (p.77)	Residual Solvents in Pharmaceuticals	—	OVI-G43	—	—
Rt-CW20M F&F (p.59)	Fragrances and flavors	HP-20M, Carbowax 20M	—	—	BP-20M
Rtx-TNT, Rtx-TNT2 (p.75)	Explosives	restek exclusive	—	—	—
Rtx-Dioxin, Rtx-Dioxin2 (p.68-69)	Dioxins and furans	restek exclusive	—	—	—
Rtx-PCB (p.67)	PCB Congeners	restek exclusive	—	—	—

please **note**

Need a column for a volatiles analysis?
see page 553

Table of Contents for Applications
see pages 482-485

ordering **note**

Prefer a different column cage?

5-inch column cage/Agilent 6850: add the suffix "6850" to your column catalog number. No additional cost.

Uncaged: add the suffix "051" to your column catalog number. No additional cost.

4-inch column cage (not available for 0.53mm ID columns): add the suffix "280" to your column catalog number. Additional cost

In your cage: add the suffix "031" to your column catalog number. Additional cost

SGE	Varian/Chrompack	Phenomenex	Quadrex	PerkinElmer	USP Nomenclature*
BP-1	VF-1MS, CP Sil 5 CB, CP Sil 5 CB MS, SolGel-1MS	ZB-1	007-1	Elite-1	G1, G2, G38
BP-5	VF-5MS, CP Sil 8 CB, CP Sil 8 CB MS	ZB-5	007-2	PE-2	G27, G36
BPX-5	VF-XMS	ZB-5MS	—	—	—
BP-624	—	ZB-624	007-1301	—	G43
—	—	—	007-7	PE-7	G28, G32
BPX-35, BPX-608	VF-35MS	ZB-35	007-11	PE-11	G42
BP-10	CP Sil 19 CB	ZB-1701	007-1701	PE-1701	G46
—	VF-200MS	—	007-210	—	G6
—	VF-17MS	—	—	—	—
BPX-50	CP Sil 24 CB	ZB-50	007-17	PE-17	G3
—	TAP-CB	—	400-65HT, 007-65HT	—	G17
BP-225	CP Sil 43 CB	—	007-225	PE-225	G7, G19
BP-20	CP Wax 52 CB	ZB-WAX	007-CW	PE-CW	G14, G15, G16, G20, G39
—	CP Wax 51	—	—	—	—
BP-21	CP Wax 58 CB	—	007-FFAP	PE-FFAP	G25, G35
BPX-70	CP Sil 84	—	007-23	—	G48
—	—	—	—	—	—
Cydex-β	CP-Cyclodextrin β	—	—	—	—
—	CP-TCEP	—	—	—	—
restek exclusive					
HT5	—	—	—	—	—
—	—	—	—	—	—
—	EZ-Guard	Guardian	—	—	—
AlumaClad	Ultimet	—	Ultra-Alloy	—	—

Varian/Chrompack	Phenomenex	Quadrex	PerkinElmer	USP*
restek exclusive				
CP Sil 13 CB	OV-624	007-624, 007-502	PE-502	—
restek exclusive				
restek exclusive				
CP Sil 8 CB, CP Sil 19 CB	ZB-5, ZB-35, ZB-1701, ZB-50	007-2, 007-608, 007-17, 007-1701	PE-2, PE-608, PE-1701	G3
CP-SimDist-CB	—	007-1-10V-1.0F	—	—
CP Sil PONA CB	—	007-1-10V-0.5F	—	—
—	—	—	—	—
—	—	—	—	G50
—	—	—	—	—
—	—	—	—	—
—	—	—	—	G27
—	—	—	—	G43
—	—	007-CW	—	—
restek exclusive				
restek exclusive				
restek exclusive				

*See page 97.