



**Columns by Phase**

Restek	Phase Composition	USP Nomenclature*	Agilent	Varian-Chrompack	SGE	Phenomenex	Macherey-Nagel	Supelco	Alltech	Quadrex
Rtx-1 (p. 49)	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-1HT (p. 47)	100% dimethyl polysiloxane		DB-1HT	VF-1HT		ZB-1HT			EC-1, AT-1HT	
Rxi-1ms (p. 41)	100% dimethyl polysiloxane (low bleed)		HP-1/ HP-1ms DB-1/ DB-1ms Ultra-1	VF-1ms / CP-Sil 5 CB Low Bleed/MS	BP-1	ZB-1, ZB-1ms	Optima-1ms, Optima-1ms Accent	SPB-1, Equity-1	AT-1	007-1
Rtx-5 (p. 50)	5% diphenyl 95% dimethyl polysiloxane	G27, G36	HP-5/ DB-5	CP Sil 8 CB	BP-5	ZB-5	Optima-5	SPB-5	EC-5, AT-5	007-5
Rxi-5HT (p. 47)	5% diphenyl 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	CP-Sil 8 CB	BP-5	ZB-5, ZB-5ms	Optima-5, Optima-5ms	SPB-5, Equity-5	AT-5ms	007-5
Rxi-5Sil MS (p. 42, 87, 95, 97)	5% phenyl/95% dimethyl arylene polysiloxane		DB-5ms, DB-5ms UI	VF-5ms / CP-Sil 8 CB Low Bleed/MS	BPX-5	ZB-5ms	Optima-5ms Accent	SLB-5ms		007-5MS
Rxi-XLB (p. 44, 94)	Arylene/methyl modified polysiloxane		DB-XLB	VF-XMS		MR1	Optima-XLB			
Rtx-20 (p. 51)	20% diphenyl 80% dimethyl polysiloxane	G28, G32						SPB-20	EC-20, AT-20	007-20
Rtx-35 (p. 51)	35% diphenyl 65% dimethyl polysiloxane	G42	HP-35, DB-35		BPX-35, BPX-608	ZB-35		SPB-35, SPB-608	AT-35	007-35
Rxi-35Sil MS (p. 44)	35% phenyl/65% dimethyl arylene polysiloxane		DB-35ms	VF-35ms	BP-35	MR2	Optima-35ms			
Rtx-50 (p. 52)	50% phenyl 50% methyl polysiloxane	G3	HP-50		AT-50		Optima-17	SPB-50	AT-50	007-17
Rxi-17 (p. 44)	50% diphenyl 50% dimethyl polysiloxane		HP-50 + , HP-17, DB-17, DB-608	CP-Sil 24 CB		ZB-50	Optima-17			
Rxi-17Sil MS (p. 45, 73, 98)	50% phenyl/50% dimethyl arylene polysiloxane		HP-17, DB-17, DB-17ms	CP-Sil 24 CB, VF-17ms	BPX-50	ZB-50	Optima-17ms			
Rtx-65 (p. 52)	65% diphenyl 35% dimethyl polysiloxane	G17								007-65HT
Rxi-624Sil MS (p. 46, 83, 103)	6% cyanopropyl phenyl/94% dimethyl arylene polysiloxane	G43	HP-624, DB-624	VF-624ms	BP-624	ZB-624	Optima-624			
Rtx-1301 (p. 55)	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, AT-1301	007-1301
Rtx-624 (p. 55)	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, AT-1301	007-1301
Rtx-1701 (p. 56)	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. 54)	trifluoropropyl methyl polysiloxane	G6	DB-210, DB-200	VF-200ms			Optima-210		AT-210	007-210
Rtx-200ms (p. 54)	trifluoropropyl methyl polysiloxane (low bleed)			VF-200ms						
Rtx-225 (p. 56)	50% cyanopropyl 50% phenylmethyl polysiloxane	G7, G19	HP-225, DB-225	CP Sil 43 CB	BP-225		Optima-225	SPB-225	AT-225	007-225
Rtx-440 (p. 53)	modified polysiloxane (unique phase)						<b>unique column</b>			
Rt-2330 (p. 57)	90% biscyanopropyl 10% cyanopropyl phenyl polysiloxane	G48			BPX-70			SP-2330, SP-2331, SP-2380	AT-Silar	
Rt-2560 (p. 57, 69)	bicyanopropyl polysiloxane		HP-88	CP Sil 88				SP-2560		
Rtx-Wax (p. 58)	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. 59, 84)	polyethylene glycol	G14, G15, G16, G20, G39	Innowax	CP Wax 52 CB, VF-WAX MS		ZB-WAX Plus		Supelcowax-10		
<b>Restek PLOT Columns</b>	<b>Phase Composition</b>	<b>USP Nomenclature</b>	<b>Agilent</b>	<b>Varian</b>	<b>SGE</b>	<b>Phenomenex</b>	<b>Macherey-Nagel</b>	<b>Supelco</b>	<b>Alltech</b>	<b>Quadrex</b>
Rt-Alumina BOND/Na <sub>2</sub> SO <sub>4</sub> (p. 108) MXF-Alumina BOND/Na <sub>2</sub> SO <sub>4</sub>	Na <sub>2</sub> SO <sub>4</sub> deactivation		GS-Alumina, HP PLOT S	CP-AL <sub>2</sub> O <sub>3</sub> / Na <sub>2</sub> SO <sub>4</sub>				AluminaSulfate- PLOT	AT-Alumina	
Rt-Alumina BOND/KCl (p. 108, 76)	KCl deactivation		GS-Alumina/KCl, HP-PLOT Al <sub>2</sub> O <sub>3</sub> /KCl	CP-Al <sub>2</sub> O <sub>3</sub> /KCl				AluminaChloride- PLOT		
Rt-Alumina BOND/CFC (p. 108, 74)										
							<b>unique column</b>			
Rt-MSieve 5A (p. 109) MXF-MSieve 5A			GS-MSieve, HP PLOT Molsieve	CP-Molsieve 5A				Molsieve 5A	AT-Molsieve	PLT-5A
Rt-Q-BOND (p. 110) MXF-Q-BOND	100% divinylbenzene			CP-PoraPLOT Q, CP-PoraBond Q				Supel-Q-PLOT	AT-Q	
Rt-QS-BOND (p. 110)	porous divinyl benzene homopolymer		GS-Q							
Rt-S-BOND (p. 110) MXFS-BOND	divinylbenzene 4-vinylpyridine			CP-PoraPLOT S						
Rt-U-BOND (p. 110)	divinylbenzene ethylene glycol/dimethylacrylate		HP-PLOT U	CP-PoraPLOT U, CP-PoraBond U						

\*See page 139 for our USP Liquid F