

GC Columns by Phase

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Restek	Phase Composition	USP Nomenclature	Agilent	Varian/Chrompack	SGE	Phenomenex	Machery-Nagel	Supelco
Rtx-1	100% dimethyl polysiloxane	G1, G2, G38	HP-1, DB-1	CP Sil 5 CB	BP-1	ZB-1	Optima-1	SPB-1
Rxi-1ms	100% dimethyl polysiloxane (low bleed)		HP-1ms UI, DB-1ms UI, HP-1, HP-1ms, DB-1, DB-1ms, Ultra-1	VF-1ms, CP-Sil 5, CP Sil 5 CB Low Bleed/MS	BP-1	ZB-1, ZB-1ms	Optima-1, Optima-1ms, Optima-1ms Accent	SPB-1, Equity-1
Rxi-1HT	100% dimethyl polysiloxane		DB-1HT	VF-1HT		ZB-1HT		
Rtx-5	5% diphenyl, 95% dimethyl polysiloxane	G27, G36	HP-5, DB-5	CP Sil 8 CB	BP-5	ZB-5	Optima-5	SPB-5
Rxi-5ms	5% diphenyl, 95% dimethyl polysiloxane (low bleed)	G27, G36	HP-5ms UI, HP-5, HP-5ms, DB-5, Ultra-2	CP-Sil 8, CP Sil 8 CB	BP-5	ZB-5, ZB-5ms	Optima-5, Optima-5ms	SPB-5, Equity-5
Rxi-5Sil MS	5% phenyl, 95% dimethyl polysiloxane		DB-5ms UI, DB-5ms	VF-5ms, CP-Sil 8 CB Low Bleed/MS	BPX-5	ZB-5MS	Optima-5ms Accent	SLB-5ms
Rxi-5HT	5% diphenyl, 95% dimethyl polysiloxane		DB-5HT	VF-5HT		ZB-5HT		
Rxi-XLB	arylene/methyl modified polysiloxane		DB-XLB	VF-XMS		MR1	Optima-XLB	
Rtx-20	20% diphenyl, 80% dimethyl polysiloxane	G28, G32						SPB-20
Rtx-35	35% diphenyl, 65% dimethyl polysiloxane	G42	HP-35, DB-35		BPX-35, BPX-608	ZB-35		SPB-35, SPB-608
Rxi-35Sil MS	35% phenyl, 65% dimethyl polysiloxane		DB-35ms	VF-35ms	BP-35	MR2	Optima-35ms	
Rtx-50	50% phenyl, 50% methyl polysiloxane	G3	HP-50		AT-50		Optima-17	SPB-50
Rxi-17	50% diphenyl, 50% dimethyl polysiloxane		HP-17, DB-17, DB-608, HP-50+	CP-Sil 24 CB		ZB-50	Optima-17	
Rxi-17Sil MS	50% phenyl, 50% dimethyl polysiloxane		DB-17ms, HP-17, DB-17	VF-17ms, CP-Sil 24 CB	BPX-50	ZB-50	Optima-17ms	
Rtx-65	65% diphenyl, 35% dimethyl polysiloxane	G17						
Rxi-624Sil MS	6% cyanopropylphenyl, 94% dimethyl polysiloxane	G43	HP-624, DB-624	VF-624ms	BP-624	ZB-624	Optima-624	
Rtx-1301	6% cyanopropyl phenyl, 94% dimethyl polysiloxane	G43	HP-1301,	CP-1301,	BP-624	ZB-624	Optima-1301, Optima-624	SPB-1301
Rtx-624	polysiloxane		HP-624, DB-1301, DB-624	VF-1301ms, VF-624ms				
Rtx-1701	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
Rtx-200	trifluoropropyl methyl polysiloxane	G6	DB-210, DB-200	VF-200ms			Optima-210	
Rtx-200ms	trifluoropropyl methyl polysiloxane (low bleed)			VF-200ms				
Rtx-225	50% cyanopropyl, 50% phenylmethyl polysiloxane	G7, G19	HP-225,	CP Sil 43 CB	BP-225		Optima-225	SPB-225
Rtx-440	modified polysiloxane (unique phase)		DB-225					
					Unique Column			
Rt-2330	90% biscyanopropyl, 10% cyanopropyl phenyl polysiloxane	G48			BPX-70			SP-2330, SP-2331, SP-2380
Rt-2560	bicyanopropyl polysiloxane		HP-88	CP Sil 88				SP-2560
Rtx-Wax	polyethylene glycol	G14, G15, G16, G20, G39	HP-Wax, DB-Wax	CP Wax 52 CB	BP-20	ZB-Wax	Optima Wax	
Stabilwax	polyethylene glycol	G14, G15, G16, G20, G39	Innowax	CP Wax 52 CB, VF-WAX MS		ZB-Wax Plus		Supelcowax-10