



GC Columns



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Base-Deactivated Guard/Retention Gap Columns (fused silica)

ID	Length	OD	qty.	cat.#
0.25 mm	5 m	0.37 ± 0.04 mm	ea.	10000
	5 m	0.37 ± 0.04 mm	6-pk.	10000-600
0.32 mm	5 m	0.45 ± 0.04 mm	ea.	10001
	5 m	0.45 ± 0.04 mm	6-pk.	10001-600
0.53 mm	5 m	0.69 ± 0.05 mm	ea.	10002
	5 m	0.69 ± 0.05 mm	6-pk.	10002-600



10000

Deactivated Fused Silica Tubing (Nonpolar)

ID	Length	OD	qty.	cat.#
0.25 mm	15 m	0.37 ± 0.04 mm	ea.	10009
	30 m	0.37 ± 0.04 mm	ea.	10010
	60 m	0.37 ± 0.04 mm	ea.	10011
0.32 mm	30 m	0.45 ± 0.04 mm	ea.	10020
	60 m	0.45 ± 0.04 mm	ea.	10021
0.53 mm	30 m	0.69 ± 0.05 mm	ea.	10030
	60 m	0.69 ± 0.05 mm	ea.	10031



10009

Note: 30- and 60-meter lengths are banded in 5-meter sections.

Recommendation: Cut 60 m guard columns into shorter lengths. Using full length may cause peak distortion.

FAMEWAX Columns (USP G16) (fused silica) polar phase; Crossbond polyethylene glycol

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	20 to 240/250 °C	ea.	12497
0.32 mm	0.25 µm	30 m	20 to 240/250 °C	ea.	12498
0.53 mm	0.50 µm	30 m	20 to 250 °C	ea.	12499



Fused Silica Tubing (Undeactivated, Untreated)

ID	Length	OD	qty.	cat.#
0.25 mm	15 m	0.37 ± 0.04 mm	ea.	10050
	30 m	0.37 ± 0.04 mm	ea.	10051
	60 m	0.37 ± 0.04 mm	ea.	10052
0.32 mm	15 m	0.45 ± 0.04 mm	ea.	10055
	30 m	0.45 ± 0.04 mm	ea.	10056
	60 m	0.45 ± 0.04 mm	ea.	10057
0.53 mm	15 m	0.69 ± 0.05 mm	ea.	10060
	30 m	0.69 ± 0.05 mm	ea.	10061
	60 m	0.69 ± 0.05 mm	ea.	10062



10055

GCxGC Selectivity Kit, 0.15 mm

Includes	qty.	cat.#
Rxi-1ms Column (cat.# 15114); Rxi-5Sil MS Column (cat.# 15113); Rxi-XLB Column (cat.# 15115); Rxi-17Sil MS Column (cat.# 15110); Rtx-200 Column (cat.# 15111); Stabilwax Column (cat.# 15112); and a 5-pk. of Deactivated Universal Press-Tight Connectors (cat.# 20429)	kit	15129



GCxGC Selectivity Kit, 0.18 mm

Includes	qty.	cat.#
Rxi-1ms Column (cat.# 15120); Rxi-5Sil MS Column (cat.# 15119); Rxi-XLB Column (cat.# 15121); Rxi-17Sil MS Column (cat.# 15116); Rtx-200 Column (cat.# 15117); Stabilwax Column (cat.# 15118); and a 5-pk. of Deactivated Universal Press-Tight Connectors (cat.# 20429)	kit	15130



GCxGC Selectivity Kit, 0.25 mm

Includes	qty.	cat.#
Rxi-1ms Column (cat.# 15127); Rxi-5Sil MS Column (cat.# 15126); Rxi-XLB Column (cat.# 15128); Rxi-17Sil MS Column (cat.# 15123); Rtx-200 Column (cat.# 15124); Stabilwax Column (cat.# 15125); and a 5-pk. of Deactivated Universal Press-Tight Connectors (cat.# 20429)	kit	15131





Hydroguard Water-Resistant Guard/Retention Gap Columns/Transfer Lines (fused silica)

ID	Length	OD	qty.	cat.#
0.05 mm	5 m	0.363 ± 0.012 mm	ea.	10075
0.10 mm	5 m	0.363 ± 0.012 mm	ea.	10076
0.15 mm	5 m	0.363 ± 0.012 mm	ea.	10077
0.18 mm	5 m	0.37 ± 0.04 mm	ea.	10078
	5 m	0.37 ± 0.04 mm	ea.	10079
0.25 mm	5 m	0.37 ± 0.04 mm	6-pk.	10079-600
	10 m	0.37 ± 0.04 mm	ea.	10082
	30 m*	0.37 ± 0.04 mm	ea.	10085
	5 m	0.45 ± 0.04 mm	ea.	10080
0.32 mm	5 m	0.45 ± 0.04 mm	6-pk.	10080-600
	10 m	0.45 ± 0.04 mm	ea.	10083
	30 m*	0.45 ± 0.04 mm	ea.	10086
	5 m	0.69 ± 0.05 mm	ea.	10081
0.53 mm	5 m	0.69 ± 0.05 mm	6-pk.	10081-600
	10 m	0.69 ± 0.05 mm	ea.	10084
	30 m*	0.69 ± 0.05 mm	ea.	10087

*30-meter lengths are banded in 5-meter sections.



Innovative Integra-Guard Columns

ID	df	Length	Temp. Limits	Modification	Note	qty.	Similar to Part #	cat.#
Rtx-1								
	0.25 µm	15 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10120-124
0.25 mm	0.25 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10123-124
	0.25 µm	60 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		10126-127
	0.50 µm	60 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		10141-127
0.32 mm	0.25 µm	60 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10127-125
	0.50 µm	60 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10142-125
0.53 mm	1.00 µm	30 m	-60 to 310/330 °C	w/5 m Integra-Guard Column		ea.		10155-126
	5.00 µm	30 m	-60 to 270/290 °C	w/5 m Integra-Guard Column		ea.		10179-126
Rtx-1301/Rtx-G43								
0.53 mm	3.00 µm	30 m	-20 to 240 °C	w/5 m Integra-Guard Column	Application-specific column for residual solvents in pharmaceutical products. Meets all requirements of USP <467>.	ea.		16085-126
Rtx-1701								
	0.25 µm	30 m	-20 to 280 °C	w/5 m Integra-Guard Column		ea.		12023-124
0.25 mm	0.50 µm	30 m	-20 to 270/280 °C	w/5 m Integra-Guard Column		ea.		12038-124
	1.00 µm	30 m	-20 to 260/280 °C	w/5 m Integra-Guard Column		ea.		12053-124
	0.25 µm	30 m	-20 to 280 °C	w/5 m Integra-Guard Column		ea.		12024-125
0.32 mm	0.25 µm	30 m	-20 to 280 °C	w/10 m Integra-Guard Column		ea.		12024-128
	0.50 µm	30 m	-20 to 270/280 °C	w/5 m Integra-Guard Column		ea.		12039-125
Rtx-5								
	0.25 µm	15 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10220-124
0.25 mm	0.25 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10223-124
	0.25 µm	30 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		10223-127
	1.00 µm	30 m	-60 to 320/340 °C	w/5 m Integra-Guard Column		ea.		10253-124



Continued



ID	df	Length	Temp. Limits	Modification	Note	qty.	Similar to Part #	cat.#
0.32 mm	0.25 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10224-125
	1.00 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10254-125
	0.25 µm	60 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		10227-125
0.53 mm	0.50 µm	30 m	-60 to 310/330 °C	w/10 m Integra-Guard Column		ea.		10240-129
Rtx-5/Rtx-G27								
0.53 mm	5.00 µm	30 m	-60 to 270/290 °C	w/5 m Integra-Guard Column	Application-specific column for residual solvents in pharmaceutical products.	ea.		10279-126
Rtx-5MS								
0.25 mm	0.10 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12608-124
	0.25 µm	15 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12620-124
	0.25 µm	15 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		6-pk.		12620-124600
	0.25 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12623-124
	0.25 µm	30 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		12623-127
	0.25 µm	60 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12626-124
	0.25 µm	60 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		12626-127
	0.50 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12638-124
	0.50 µm	15 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		12635-127
	0.50 µm	30 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		12638-127
0.32 mm	0.25 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		12624-125
	1.00 µm	30 m	-60 to 325/350 °C	w/5 m Integra-Guard Column		ea.		12654-125
	1.00 µm	30 m	-60 to 325/350 °C	w/10 m Integra-Guard Column		ea.		12654-128
Rtx-624								
0.25 mm	1.40 µm	30 m	-20 to 240 °C	w/5 m Integra-Guard Column		ea.		10968-124
	1.40 µm	30 m	-20 to 240 °C	w/10 m Integra-Guard Column		ea.		10968-127
0.32 mm	1.80 µm	30 m	-20 to 240 °C	w/5 m Integra-Guard Column		ea.		10970-125
0.53 mm	3.00 µm	30 m	-20 to 240 °C	w/5 m Integra-Guard Column		ea.		10971-126
Rxi-5Sil MS								
0.25 mm	0.25 µm	15 m	-60 to 330/350 °C	w/10 m Integra-Guard Column		ea.		13620-127
	0.25 µm	30 m	-60 to 320/350 °C	w/5 m Integra-Guard Column		ea.	Agilent 122-5631G5; Phenomenex 7HG-G010-11-GGA	13623-124
	0.25 µm	30 m	-60 to 320/350 °C	w/10 m Integra-Guard Column		ea.	Agilent 122-5532G; Phenomenex 7HG-G010-11-GGC	13623-127
	0.25 µm	60 m	-60 to 320/350 °C	w/5 m Integra-Guard Column		ea.		13626-124
	0.25 µm	60 m	-60 to 320/350 °C	w/10 m Integra-Guard Column		ea.		13626-127
	0.50 µm	15 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		13635-124
	0.50 µm	30 m	-60 to 320/350 °C	w/5 m Integra-Guard Column		ea.		13638-124
	0.50 µm	30 m	-60 to 320/350 °C	w/10 m Integra-Guard Column		ea.	Agilent 122-5536G	13638-127
	1.00 µm	30 m	-60 to 320/350 °C	w/5 m Integra-Guard Column		ea.		13653-124
0.32 mm	0.50 µm	30 m	-60 to 330/350 °C	w/5 m Integra-Guard Column		ea.		13639-125
	1.00 µm	30 m	-60 to 325/350 °C	w/5 m Integra-Guard Column		ea.		13654-125

Continued



ID	df	Length	Temp. Limits	Modification	Note	qty.	Similar to Part #	cat.#
Stabilwax								
0.25 mm	0.25 µm	30 m	40 to 250 °C	w/5 m Integra-Guard Column		ea.		10623-124
0.32 mm	1.00 µm	30 m	40 to 240/250 °C	w/5 m Integra-Guard Column		ea.		10654-125
0.53 mm	1.00 µm	30 m	40 to 240/250 °C	w/5 m Integra-Guard Column		ea.		10655-126
	1.00 µm	30 m	40 to 240/260 °C	w/10 m Integra-Guard Column		ea.		10655-129

If you don't see what you need here, contact Customer Service.

Intermediate-Polarity Deactivated Guard/Retention Gap Columns/Transfer Lines (fused silica)

ID	Length	OD	qty.	Similar to Part #	cat.#
0.025 mm	1 m	0.363 ± 0.012 mm	ea.		10097
0.05 mm	1 m	0.363 ± 0.012 mm	ea.		10098
0.075 mm	1 m	0.363 ± 0.012 mm	ea.		10099
0.10 mm	1 m	0.363 ± 0.012 mm	ea.		10100
	5 m	0.363 ± 0.012 mm	ea.	Agilent 160-1010-5	10041
0.15 mm	1 m	0.363 ± 0.012 mm	ea.		10101
	5 m	0.363 ± 0.012 mm	ea.		10042
0.18 mm	1 m	0.37 ± 0.04 mm	ea.		10102
	5 m	0.37 ± 0.04 mm	ea.		10046
0.25 mm	5 m	0.37 ± 0.04 mm	6-pk.		10046-600
	5 m	0.37 ± 0.04 mm	ea.	Agilent 160-2255-5; Phenomenex 7AG-G000-00-GHO	10043
	5 m	0.37 ± 0.04 mm	6-pk.		10043-600
	10 m	0.37 ± 0.04 mm	ea.		10049
	10 m	0.37 ± 0.04 mm	6-pk.		10049-600
	30 m*	0.37 ± 0.04 mm	ea.		10012
0.32 mm	60 m*†	0.37 ± 0.04 mm	ea.		10013
	5 m	0.45 ± 0.04 mm	ea.	Agilent 160-2325-5; Phenomenex 7AM-G000-00-GHO	10044
	5 m	0.45 ± 0.04 mm	6-pk.		10044-600
	10 m	0.45 ± 0.04 mm	ea.	Agilent 160-2325-10; Phenomenex 7CM-G000-00-GHO	10048
	10 m	0.45 ± 0.04 mm	6-pk.		10048-600
	30 m*	0.45 ± 0.04 mm	ea.		10022
0.53 mm	60 m*†	0.45 ± 0.04 mm	ea.		10023
	5 m	0.69 ± 0.05 mm	ea.	Agilent 160-2535-5; Phenomenex 7AK-G000-00-GHO	10045
	5 m	0.69 ± 0.05 mm	6-pk.		10045-600
	10 m	0.69 ± 0.05 mm	ea.	Agilent 160-2535-10; Phenomenex 7CK-G000-00-GHO	10047
	30 m*	0.69 ± 0.05 mm	ea.		10032
	60 m*†	0.69 ± 0.05 mm	ea.		10033

*30- and 60-meter lengths are banded in 5-meter sections.

†Recommendation: Cut 60 m guard columns into shorter lengths. Using full length may cause peak distortion.

Low-Pressure GC (LPGC) Column Kit Leverage Your MS Vacuum to Significantly Speed Up Separations

Temp. Limits	Includes	qty.	cat.#
-60 to 340/340 °C	Factory-coupled restrictor column (5 m x 0.18 mm ID) and Rtx-5ms analytical column (15 m, 0.53 mm ID, 1 µm plus 1 m integrated transfer line on the outlet end)	kit	11800

Polar-Deactivated Guard/Retention Gap Columns (fused silica) polar polyethylene glycol deactivation

ID	Length	OD	qty.	cat.#
0.25 mm	5 m	0.37 ± 0.04 mm	ea.	10065
	10 m	0.37 ± 0.04 mm	ea.	10068
	30 m*	0.37 ± 0.04 mm	ea.	10014
0.32 mm	5 m	0.45 ± 0.04 mm	ea.	10066
	10 m	0.45 ± 0.04 mm	ea.	10069
	5 m	0.69 ± 0.05 mm	ea.	10067
0.53 mm	10 m	0.69 ± 0.05 mm	ea.	10070
	30 m*	0.69 ± 0.05 mm	ea.	10034

*30-meter lengths are banded in 5-meter sections.



10042



11800



10065

**Rt-2560 Column** (fused silica) highly polar phase; biscyanopropyl polysiloxane—not bonded

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.20 µm	100 m*	20 to 250 °C	ea.	13198

*Nominal length = 100 m. The actual length is 110 m, which is equivalent to the length of the previous Rt-2560 column (cat.# 13199).

**Rt-CW20M F&F Columns** (fused silica) polar phase; Carbowax polyethylene glycol—not bonded

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	30 m	60 to 220/250 °C	ea.	Agilent 112-2032	12523
0.32 mm	0.33 µm	50 m	60 to 220/250 °C	ea.	Agilent 19091W-015	12539

**Rt-TCEP Columns** (fused silica) highly polar phase; 1,2,3-tris[2-cyanoethoxy]propane—not bonded

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.40 µm	30 m	0 to 135/150 °C	ea.	10998
	0.40 µm	60 m	0 to 135/150 °C	ea.	10999

**Rt-βDEXcst Columns** (fused silica) Proprietary cyclodextrin material added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	13103
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	13102

**Rt-βDEXm Columns** (fused silica) permethylated beta cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	Agilent 112-2532, 19091G-B133	13100
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	Agilent 113-2532, 19091G-B113	13101

**Rt-βDEXsa Columns** (fused silica) 2,3-di-acetoxy-6-O-*tert*-butyl dimethylsilyl beta cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	13109
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	13108

**Rt-βDEXse Columns** (fused silica) 2,3-di-O-ethyl-6-O-*tert*-butyl dimethylsilyl beta cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	13107
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	13106

**Rt-βDEXsm Columns** (fused silica) 2,3-di-O-methyl-6-O-*tert*-butyl dimethylsilyl beta cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	Agilent 112-6632; Scion/Bruker/Varian CP7502	13105
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	Agilent 113-6632; Scion/Bruker/Varian CP7503	13104

**Rt-βDEXsp Columns** (fused silica) 2,3-di-O-propyl-6-O-*tert*-butyl dimethylsilyl beta cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	13111
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	13110





Rt-yDEXsa Columns (fused silica) 2,3-di-acetoxy-6-O-*tert*-butyl dimethylsilyl gamma cyclodextrin added into 14% cyanopropylphenyl/86% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 230 °C	ea.	13113
0.32 mm	0.25 µm	30 m	40 to 230 °C	ea.	13112



Rtx-1 Columns (fused silica) nonpolar phase; Crossbond dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	-60 to 330/350 °C	ea.	Agilent 127-1012	41101
	0.10 µm	20 m	-60 to 330/360 °C	ea.	Agilent 127-1022	41102
	0.40 µm	10 m	-60 to 330/340 °C	ea.	Agilent 127-1013	41103
	0.40 µm	20 m	-60 to 330/350 °C	ea.	Agilent 127-1023	41104
0.18 mm	0.20 µm	10 m	-60 to 330/350 °C	ea.	Agilent 121-101A	40101
	0.20 µm	20 m	-60 to 330/350 °C	ea.	Agilent 121-102A	40102
	0.20 µm	40 m	-60 to 330/350 °C	ea.		40103
	0.40 µm	10 m	-60 to 330/340 °C	ea.	Agilent 121-1013	40110
	0.40 µm	20 m	-60 to 330/340 °C	ea.	Agilent 121-1023	40111
	0.40 µm	40 m	-60 to 330/340 °C	ea.	Agilent 121-1043	40112
	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-1011, 19091Z-331; Phenomenex 7EG-G001-02; Scion/Bruker/Varian CP7700, CP7810	10105
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-1031, 19091Z-333; Phenomenex 7HG-G001-02; Scion/Bruker/Varian CP7817, CP8710	10108
0.25 mm	0.10 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-1061; Phenomenex 7KG-G001-02; Scion/Bruker/Varian CP7818	10111
	0.10 µm	105 m	-60 to 330/350 °C	ea.		10114
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-1012, 19091Z-431; Phenomenex 7EG-G001-11; Scion/Bruker/Varian CP7811, CP8510	10120
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-1032, 19091Z-433; Phenomenex 7HG-G001-11; Scion/Bruker/Varian CP7860, CP8741	10123
	0.25 µm	30 m	-60 to 330/350 °C	6-pk.		10123-600
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-1062, 19091Z-436; Phenomenex 7KG-G001-11; Scion/Bruker/Varian CP7861, CP8743	10126
	0.25 µm	105 m	-60 to 330/350 °C	ea.		10129
	0.50 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-101E	10135
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-103E; Phenomenex 7HG-G001-17	10138
	0.50 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-106E	10141
	0.50 µm	105 m	-60 to 330/350 °C	ea.	Agilent 19091Z-530; Scion/Bruker/Varian CP7530	10144
	1.00 µm	15 m	-60 to 320/340 °C	ea.	Agilent 122-1013, 19091Z-231; Phenomenex 7EG-G001-22; Scion/Bruker/Varian CP7812, CP8520	10150
	1.00 µm	30 m	-60 to 320/340 °C	ea.	Agilent 122-1033, 19091Z-233; Phenomenex 7HG-G001-22; Scion/Bruker/Varian CP7670, CP7862, CP8770	10153
	1.00 µm	60 m	-60 to 320/340 °C	ea.	Agilent 122-1063, 19091Z-236; Phenomenex 7KG-G001-22; Scion/Bruker/Varian CP7857, CP8780	10156
	1.00 µm	105 m	-60 to 320/340 °C	ea.		10159



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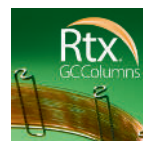


ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-1011; Scion/Bruker/Varian CP7814	10106
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-1031, 19091Z-313; Scion/Bruker/Varian CP7855, CP8740	10109
	0.10 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-1061; Phenomenex 7KM-G001-02; Scion/Bruker/Varian CP7856	10112
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-1012, 19091Z-411; Phenomenex 7EM-G001-11; Scion/Bruker/Varian CP7815, CP8530	10121
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-1032, 19091Z-413; Phenomenex 7HM-G001-11; Scion/Bruker/Varian CP7863, CP8742	10124
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-1062, 19091Z-416; Phenomenex 7KM-G001-11; Scion/Bruker/Varian CP7864, CP8744	10127
	0.50 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-101E	10136
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-103E; Phenomenex 7HM-G001-17	10139
	0.50 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-106E	10142
	1.00 µm	15 m	-60 to 320/340 °C	ea.	Agilent 123-1013, 19091Z-211; Phenomenex 7EM-G001-22; Scion/Bruker/Varian CP7758, CP8540	10151
	1.00 µm	30 m	-60 to 320/340 °C	ea.	Agilent 123-1033, 19091Z-213; Phenomenex 7HM-G001-22; Scion/Bruker/Varian CP7760, CP7865, CP8760	10154
	1.00 µm	30 m	-60 to 320/340 °C	6-pk.		10154-600
	1.00 µm	60 m	-60 to 320/340 °C	ea.	Agilent 123-1063, 19091Z-216; Phenomenex 7KM-G001-22; Scion/Bruker/Varian CP7866, CP8870	10157
	1.00 µm	105 m	-60 to 320/340 °C	ea.		10160
	1.50 µm	15 m	-60 to 310/330 °C	ea.		10166
	1.50 µm	30 m	-60 to 310/330 °C	ea.		10169
	1.50 µm	60 m	-60 to 310/330 °C	ea.	Agilent 123-106B	10172
	1.50 µm	105 m	-60 to 310/330 °C	ea.		10175
	3.00 µm	15 m	-60 to 280/300 °C	ea.	Agilent 123-1014; Scion/Bruker/Varian CP8550	10181
	3.00 µm	30 m	-60 to 280/300 °C	ea.	Agilent 123-1034, 19091Z-513; Scion/Bruker/Varian CP8687	10184
	3.00 µm	60 m	-60 to 280/300 °C	ea.	Agilent 123-1064; Phenomenex 7KM-G001-36; Scion/Bruker/Varian CP8689	10187
	3.00 µm	105 m	-60 to 260/280 °C	ea.		10190
	4.00 µm	30 m	-60 to 280/300 °C	ea.	Agilent 19091Z-613	10198
	5.00 µm	15 m	-60 to 260/280 °C	ea.	Agilent 123-1015; Scion/Bruker/Varian CP8560	10176
	5.00 µm	30 m	-60 to 260/280 °C	ea.	Agilent 123-1035, 19091Z-713; Phenomenex 7HM-G001-39; Scion/Bruker/Varian CP7680, CP8688	10178
	5.00 µm	60 m	-60 to 260/280 °C	ea.	Agilent 123-1065, 19091Z-716; Scion/Bruker/Varian CP8690	10180
	5.00 µm	60 m	-60 to 260/280 °C	6-pk.		10180-600
0.53 mm	0.10 µm	15 m	-60 to 320/340 °C	ea.		10107
	0.10 µm	30 m	-60 to 320/340 °C	ea.	Agilent 125-1039; Phenomenex 7HK-G001-02	10110
	0.25 µm	15 m	-60 to 320/340 °C	ea.	Agilent 125-101K	10122
	0.25 µm	30 m	-60 to 320/340 °C	ea.	Agilent 125-103K	10125
	0.25 µm	60 m	-60 to 320/340 °C	ea.		10128
	0.50 µm	15 m	-60 to 310/330 °C	ea.	Agilent 125-1017; Phenomenex 7EK-G001-17	10137
	0.50 µm	30 m	-60 to 310/330 °C	ea.	Agilent 125-1037; Phenomenex 7HK-G001-17	10140
	0.50 µm	60 m	-60 to 310/330 °C	ea.		10143
	1.00 µm	15 m	-60 to 310/330 °C	ea.	Agilent 125-101J; Scion/Bruker/Varian CP7625	10152
	1.00 µm	30 m	-60 to 310/330 °C	ea.	Agilent 125-103J	10155
	1.00 µm	60 m	-60 to 310/330 °C	ea.	Agilent 125-106J	10158
	1.50 µm	15 m	-60 to 310/330 °C	ea.	Agilent 125-1012, 19095Z-321; Phenomenex 7EK-G001-28; Scion/Bruker/Varian CP8674	10167
	1.50 µm	30 m	-60 to 310/330 °C	ea.	Agilent 125-1032, 19095Z-323; Phenomenex 7HK-G001-28; Scion/Bruker/Varian CP8735	10170
	1.50 µm	60 m	-60 to 310/330 °C	ea.	Agilent 125-1062; Phenomenex 7KK-G001-28; Scion/Bruker/Varian CP8799	10173
	3.00 µm	15 m	-60 to 270/290 °C	ea.	Agilent 125-1014, 19095Z-421; Phenomenex 7EK-G001-36; Scion/Bruker/Varian CP8675	10182
	3.00 µm	30 m	-60 to 270/290 °C	ea.	Agilent 125-1034, 19095Z-423; Phenomenex 7HK-G001-36; Scion/Bruker/Varian CP8677	10185
	3.00 µm	60 m	-60 to 270/290 °C	ea.	Agilent 125-1064	10188
	3.00 µm	105 m	-60 to 270/290 °C	ea.		10189
	5.00 µm	15 m	-60 to 270/290 °C	ea.	Agilent 125-1015, 19095Z-621; Phenomenex 7EK-G001-39; Scion/Bruker/Varian CP8676	10177
	5.00 µm	30 m	-60 to 270/290 °C	ea.	Agilent 125-1035, 19095Z-623; Phenomenex 7HK-G001-39; Scion/Bruker/Varian CP8775	10179
	5.00 µm	30 m	-60 to 270/290 °C	6-pk.		10179-600
	5.00 µm	60 m	-60 to 270/290 °C	ea.	Agilent 125-1065, 19095Z-626; Scion/Bruker/Varian CP8685	10183
	5.00 µm	105 m	-60 to 240/260 °C	ea.		10194
	7.00 µm	15 m	-60 to 240/260 °C	ea.		10191
	7.00 µm	30 m	-60 to 240/260 °C	ea.		10192
	7.00 µm	60 m	-60 to 240/260 °C	ea.		10193



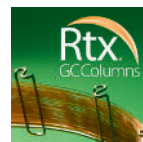
Rtx-1301 (G43) Columns (fused silica) low- to midpolarity phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	30 m	-20 to 280 °C	ea.		16008
	0.25 µm	15 m	-20 to 280 °C	ea.	Agilent 122-1312; Scion/Bruker/Varian CP8600	16020
	0.25 µm	30 m	-20 to 280 °C	ea.	Agilent 122-1332; Scion/Bruker/Varian CP8601	16023
	0.25 µm	60 m	-20 to 280 °C	ea.	Agilent 122-1362; Scion/Bruker/Varian CP8602	16026
	0.50 µm	30 m	-20 to 270 °C	ea.	Agilent 122-1336	16038
	1.00 µm	30 m	-20 to 260 °C	ea.	Agilent 122-1333; Scion/Bruker/Varian CP8604	16053
	1.00 µm	60 m	-20 to 260 °C	ea.	Agilent 122-1363; Scion/Bruker/Varian CP8605	16056
	1.00 µm	105 m	-20 to 260 °C	ea.		16059
0.32 mm	1.40 µm	60 m	-20 to 240 °C	ea.		16016
	0.10 µm	30 m	-20 to 280 °C	ea.		16009
	0.25 µm	15 m	-20 to 280 °C	ea.	Agilent 123-1213	16021
	0.25 µm	30 m	-20 to 280 °C	ea.	Agilent 123-1332; Scion/Bruker/Varian CP8607	16024
	0.50 µm	30 m	-20 to 270 °C	ea.		16039
	1.00 µm	30 m	-20 to 260 °C	ea.	Agilent 123-1333; Scion/Bruker/Varian CP8610	16054
	1.00 µm	60 m	-20 to 260 °C	ea.	Agilent 123-1363; Scion/Bruker/Varian CP8611	16057
	1.50 µm	15 m	-20 to 250 °C	ea.		16066
	1.50 µm	30 m	-20 to 250 °C	ea.		16069
	1.50 µm	60 m	-20 to 250 °C	ea.		16072
0.53 mm	1.80 µm	30 m	-20 to 240 °C	ea.		16092
	1.80 µm	60 m	-20 to 240 °C	ea.		16093
	0.25 µm	30 m	-20 to 280 °C	ea.		16025
	0.50 µm	30 m	-20 to 270 °C	ea.		16040
	0.50 µm	60 m	-20 to 260/270 °C	ea.		16043
	1.00 µm	15 m	-20 to 260 °C	ea.	Agilent 125-1312; Scion/Bruker/Varian CP8612	16052
	1.00 µm	30 m	-20 to 260 °C	ea.	Agilent 125-1332; Scion/Bruker/Varian CP8613	16055
	1.00 µm	60 m	-20 to 260 °C	ea.		16058
	1.50 µm	30 m	-20 to 250 °C	ea.	Agilent 125-1333	16070
	3.00 µm	30 m	-20 to 240 °C	ea.		16085
	3.00 µm	60 m	-20 to 240 °C	ea.		16088
	3.00 µm	75 m	-20 to 240 °C	ea.		16076
	3.00 µm	105 m	-20 to 240 °C	ea.		16091



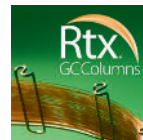
Rtx-1614 Columns (fused silica) 5% diphenyl, 95% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.10 µm	15 m	-60 to 330/360 °C	ea.	10296
	0.10 µm	30 m	-60 to 330/360 °C	ea.	10295



Rtx-1701 Columns (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	-20 to 280 °C	ea.		42201
	0.10 µm	20 m	-20 to 270/280 °C	ea.	Agilent 127-0722	42202
	0.20 µm	10 m	-20 to 280 °C	ea.		42001
0.18 mm	0.20 µm	20 m	-20 to 280 °C	ea.		42002
	0.20 µm	40 m	-20 to 280 °C	ea.		42003
	0.40 µm	20 m	-20 to 280 °C	ea.	Agilent 121-0723	42011
	0.40 µm	40 m	-20 to 280 °C	ea.		42012
	0.10 µm	30 m	-20 to 280 °C	ea.		12008
0.25 mm	0.10 µm	60 m	-20 to 280 °C	ea.		12011
	0.25 µm	15 m	-20 to 280 °C	ea.	Agilent 122-0712; Phenomenex 7EG-G006-11; Scion/Bruker/Varian CP8512	12020
	0.25 µm	30 m	-20 to 280 °C	ea.	Agilent 122-0732; Phenomenex 7HG-G006-11; Scion/Bruker/Varian CP8712	12023
	0.25 µm	30 m	-20 to 280 °C	6-pk.		12023-600
	0.25 µm	60 m	-20 to 280 °C	ea.	Agilent 122-0762; Phenomenex 7KG-G006-11; Scion/Bruker/Varian CP8722	12026
	0.50 µm	15 m	-20 to 270/280 °C	ea.		12035
	0.50 µm	30 m	-20 to 270/280 °C	ea.		12038
	0.50 µm	60 m	-20 to 270/280 °C	ea.	Agilent 122-0766	12041
	1.00 µm	15 m	-20 to 260/280 °C	ea.	Agilent 122-0713	12050
	1.00 µm	30 m	-20 to 260/280 °C	ea.	Agilent 122-0733; Phenomenex 7HG-G006-22; Scion/Bruker/Varian CP8562	12053
	1.00 µm	60 m	-20 to 260/280 °C	ea.	Agilent 122-0763; Scion/Bruker/Varian CP8572	12056
	1.00 µm	105 m	-20 to 260/280 °C	ea.		12059



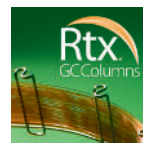
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ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.10 µm	30 m	-20 to 280 °C	ea.		12009
	0.25 µm	15 m	-20 to 280 °C	ea.	Agilent 123-0712; Phenomenex 7EM-G006-11; Scion/Bruker/Varian CP8542	12021
	0.25 µm	30 m	-20 to 280 °C	ea.	Agilent 123-0732; Phenomenex 7HM-G006-11; Scion/Bruker/Varian CP8842	12024
	0.25 µm	60 m	-20 to 280 °C	ea.	Agilent 123-0762; Phenomenex 7KM-G006-11; Scion/Bruker/Varian CP8852	12027
	0.25 µm	105 m	-20 to 270/280 °C	ea.		12030
	0.50 µm	15 m	-20 to 270/280 °C	ea.		12036
	0.50 µm	30 m	-20 to 270/280 °C	ea.		12039
	0.50 µm	60 m	-20 to 270/280 °C	ea.		12042
	1.00 µm	15 m	-20 to 260/280 °C	ea.	Agilent 123-0713; Phenomenex 7EM-G006-22; Scion/Bruker/Varian CP8552	12051
	1.00 µm	30 m	-20 to 260/280 °C	ea.	Agilent 123-0733; Phenomenex 7HM-G006-22; Scion/Bruker/Varian CP8762	12054
	1.00 µm	60 m	-20 to 260/280 °C	ea.	Agilent 123-0763; Scion/Bruker/Varian CP8772	12057
	1.00 µm	105 m	-20 to 250/280 °C	ea.		12060
	1.50 µm	15 m	-20 to 240/260 °C	ea.		12066
	1.50 µm	30 m	-20 to 240/260 °C	ea.		12069
	1.50 µm	60 m	-20 to 240/260 °C	ea.		12072
	1.50 µm	105 m	-20 to 240/260 °C	ea.		12075
0.53 mm	0.10 µm	30 m	-20 to 270/280 °C	ea.		12010
	0.25 µm	30 m	-20 to 270/280 °C	ea.	Agilent 125-0731	12025
	0.50 µm	15 m	-20 to 260/270 °C	ea.	Agilent 125-0717; Scion/Bruker/Varian CP8663	12037
	0.50 µm	30 m	-20 to 260/270 °C	ea.	Agilent 125-0737	12040
	1.00 µm	15 m	-20 to 250/270 °C	ea.	Agilent 125-0712	12052
	1.00 µm	30 m	-20 to 250/270 °C	ea.	Agilent 125-0732; Phenomenex 7HK-G006-22; Scion/Bruker/Varian CP8737	12055
	1.00 µm	60 m	-20 to 240/270 °C	ea.		12058
	1.50 µm	30 m	-20 to 240/260 °C	ea.	Agilent 125-0733	12070
	1.50 µm	60 m	-20 to 240/260 °C	ea.	Agilent 125-0763	12073
	3.00 µm	15 m	-20 to 230/250 °C	ea.		12082
	3.00 µm	30 m	-20 to 230/250 °C	ea.		12085
	3.00 µm	60 m	-20 to 220/250 °C	ea.		12088

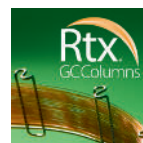
Rtx-20 Columns (fused silica) low- to midpolarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.10 µm	30 m	-20 to 300/320 °C	ea.	10308
	0.25 µm	15 m	-20 to 300/320 °C	ea.	10320
	0.25 µm	30 m	-20 to 300/320 °C	ea.	10323
	0.50 µm	30 m	-20 to 290/310 °C	ea.	10338
	1.00 µm	30 m	-20 to 280/300 °C	ea.	10353
0.32 mm	0.25 µm	30 m	-20 to 300/320 °C	ea.	10324
	0.50 µm	30 m	-20 to 290/310 °C	ea.	10339
	1.00 µm	30 m	-20 to 280/300 °C	ea.	10354
	1.50 µm	30 m	-20 to 270/290 °C	ea.	10369
0.53 mm	0.50 µm	30 m	-20 to 260/280 °C	ea.	10340
	1.00 µm	15 m	-20 to 260/280 °C	ea.	10352
	1.00 µm	30 m	-20 to 260/280 °C	ea.	10355
	1.50 µm	30 m	-20 to 250/270 °C	ea.	10370



Rtx-200 Columns (fused silica) midpolarity phase; Crossbond trifluoropropylmethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.15 mm	0.15 µm	10 m	-20 to 320/340 °C	ea.		43835
	0.15 µm	20 m	-20 to 320/340 °C	ea.		43836
	0.20 µm	10 m	-20 to 310/360 °C	ea.		45001
	0.20 µm	20 m	-20 to 310/360 °C	ea.		45002
0.18 mm	0.20 µm	40 m	-20 to 310/360 °C	ea.		45003
	0.40 µm	10 m	-20 to 310/360 °C	ea.		45010
	0.40 µm	20 m	-20 to 310/360 °C	ea.	Agilent 121-2023	45011
	0.40 µm	40 m	-20 to 310/360 °C	ea.		45012



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	-20 to 320/340 °C	ea.	Agilent 122-2012	15020
	0.25 µm	30 m	-20 to 320/340 °C	ea.	Agilent 122-2032	15023
	0.25 µm	60 m	-20 to 320/340 °C	ea.		15026
	0.25 µm	105 m	-20 to 310/340 °C	ea.		15029
	0.50 µm	15 m	-20 to 310/330 °C	ea.	Agilent 122-2013	15035
	0.50 µm	30 m	-20 to 310/330 °C	ea.	Agilent 122-2033	15038
	0.50 µm	60 m	-20 to 310/330 °C	ea.		15041
	0.50 µm	105 m	-20 to 290/330 °C	ea.		15044
	1.00 µm	15 m	-20 to 290/310 °C	ea.		15050
	1.00 µm	30 m	-20 to 290/310 °C	ea.		15053
0.32 mm	1.00 µm	60 m	-20 to 290/310 °C	ea.		15056
	1.00 µm	105 m	-20 to 280/310 °C	ea.		15059
	0.10 µm	30 m	-20 to 320/340 °C	ea.		15009
	0.25 µm	15 m	-20 to 320/340 °C	ea.		15021
	0.25 µm	30 m	-20 to 320/340 °C	ea.	Agilent 123-2032	15024
	0.25 µm	60 m	-20 to 320/340 °C	ea.		15027
	0.50 µm	15 m	-20 to 310/330 °C	ea.		15036
	0.50 µm	30 m	-20 to 310/330 °C	ea.	Agilent 123-2033	15039
	0.50 µm	60 m	-20 to 310/330 °C	ea.		15042
	0.50 µm	105 m	-20 to 290 °C	ea.		15045
0.53 mm	1.00 µm	15 m	-20 to 290/310 °C	ea.		15051
	1.00 µm	30 m	-20 to 290/310 °C	ea.		15054
	1.00 µm	60 m	-20 to 290/310 °C	ea.		15057
	1.00 µm	105 m	-20 to 280/310 °C	ea.		15060
	1.50 µm	30 m	-20 to 280/300 °C	ea.		15069
	1.50 µm	60 m	-20 to 280/300 °C	ea.		15072
	1.50 µm	105 m	-20 to 280/300 °C	ea.		15075
	0.25 µm	15 m	-20 to 310/330 °C	ea.		15022
	0.25 µm	30 m	-20 to 310/330 °C	ea.		15025
	0.50 µm	30 m	-20 to 300/320 °C	ea.	Agilent 125-2037	15040
0.53 mm	0.50 µm	60 m	-20 to 290/320 °C	ea.		15043
	1.00 µm	15 m	-20 to 290/310 °C	ea.	Agilent 125-2012	15052
	1.00 µm	30 m	-20 to 290/310 °C	ea.	Agilent 125-2032	15055
	1.00 µm	60 m	-20 to 280/310 °C	ea.		15058
	1.50 µm	15 m	-20 to 280/300 °C	ea.		15067
	1.50 µm	30 m	-20 to 280/300 °C	ea.		15070
	1.50 µm	60 m	-20 to 260/300 °C	ea.		15073
	3.00 µm	15 m	-20 to 260/280 °C	ea.		15082
	3.00 µm	30 m	-20 to 260/280 °C	ea.		15085
	3.00 µm	60 m	-20 to 240/280 °C	ea.		15088
	3.00 µm	105 m	-20 to 260/280 °C	ea.		15091

Rtx-200 Secondary Columns for GCxGC (fused silica) midpolarity phase; Crossbond trifluoropropylmethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	-20 to 320/340 °C	ea.	15111
0.18 mm	0.18 µm	2 m	-20 to 320/340 °C	ea.	15117
0.25 mm	0.25 µm	2 m	-20 to 320/340 °C	ea.	15124



15115

Rtx-200MS—Low-Bleed GC-MS Columns (fused silica) midpolarity phase; Crossbond trifluoropropylmethyl polysiloxane

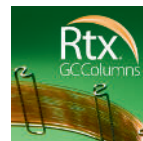
ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	-20 to 320/340 °C	ea.		15605
	0.10 µm	30 m	-20 to 320/340 °C	ea.		15608
	0.25 µm	15 m	-20 to 320/340 °C	ea.	Agilent 122-2012	15620
	0.25 µm	30 m	-20 to 320/340 °C	ea.	Agilent 122-2032	15623
	0.50 µm	15 m	-20 to 310/330 °C	ea.	Agilent 122-2013	15635
	0.50 µm	30 m	-20 to 310/330 °C	ea.	Agilent 122-2033	15638
0.32 mm	1.00 µm	30 m	-20 to 290/310 °C	ea.		15653
	0.25 µm	30 m	-20 to 320/340 °C	ea.	Agilent 123-2032	15624
	0.50 µm	30 m	-20 to 310/330 °C	ea.	Agilent 123-2033	15639
0.53 mm	1.00 µm	30 m	-20 to 290/310 °C	ea.		15654
	1.00 µm	30 m	-20 to 290/310 °C	ea.	Agilent 125-2032	15655
	1.50 µm	30 m	-20 to 280/300 °C	ea.		15670





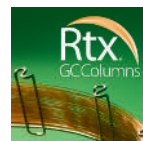
Rtx-225 Columns (fused silica) polar phase; Crossbond cyanopropylmethyl phenylmethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	40 to 220/240 °C	ea.	Agilent 122-2212; Scion/Bruker/Varian CP7705	14020
	0.25 µm	30 m	40 to 220/240 °C	ea.	Agilent 122-2232; Scion/Bruker/Varian CP7715	14023
	0.25 µm	60 m	40 to 200/240 °C	ea.		14026
	0.50 µm	30 m	40 to 220/240 °C	ea.		14038
0.32 mm	0.25 µm	15 m	40 to 220/240 °C	ea.	Agilent 123-2212; Scion/Bruker/Varian CP7735	14021
	0.25 µm	30 m	40 to 220/240 °C	ea.	Agilent 123-2232; Scion/Bruker/Varian CP7745	14024
	0.50 µm	30 m	40 to 220/240 °C	ea.		14039
	1.00 µm	15 m	40 to 200/220 °C	ea.		14051
	1.00 µm	30 m	40 to 200/220 °C	ea.		14054
	1.00 µm	60 m	40 to 200/220 °C	ea.		14057
0.53 mm	0.25 µm	15 m	40 to 200/220 °C	ea.		14022
	0.25 µm	30 m	40 to 200/220 °C	ea.		14025
	0.50 µm	30 m	40 to 200/220 °C	ea.	Agilent 125-2237	14040
	1.00 µm	15 m	40 to 200/220 °C	ea.	Agilent 125-2212	14052
	1.00 µm	30 m	40 to 200/220 °C	ea.	Agilent 125-2232	14055



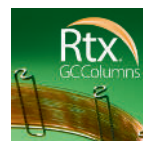
Rtx-2330 Columns (fused silica) highly polar phase; biscyanopropyl cyanopropylphenyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.10 µm	10 m	0 to 260 °C	ea.	40701
	0.10 µm	20 m	0 to 260 °C	ea.	40702
	0.10 µm	40 m	0 to 260 °C	ea.	40703
0.25 mm	0.10 µm	30 m	0 to 260/275 °C	ea.	10708
	0.10 µm	60 m	0 to 260/275 °C	ea.	10711
	0.10 µm	105 m	0 to 260/275 °C	ea.	10714
	0.20 µm	30 m	0 to 260/275 °C	ea.	10723
	0.20 µm	60 m	0 to 260/275 °C	ea.	10726
	0.20 µm	105 m	0 to 260/275 °C	ea.	10729
0.32 mm	0.20 µm	15 m	0 to 260/275 °C	ea.	10721
	0.20 µm	30 m	0 to 260/275 °C	ea.	10724
	0.20 µm	60 m	0 to 260/275 °C	ea.	10727
	0.20 µm	105 m	0 to 260/275 °C	ea.	10730
0.53 mm	0.20 µm	30 m	0 to 260/275 °C	ea.	10725



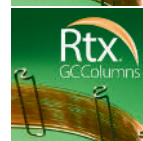
Rtx-2887 Column (fused silica) nonpolar phase; Crossbond 100% dimethyl polysiloxane—for simulated distillation

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	2.65 µm	10 m	-60 to 360 °C	ea.	Agilent 125-2814; Phenomenex 7CK-G001-35	10199



Rtx-35 Amine Columns (fused silica) midpolarity phase; Crossbond 35% diphenyl/65% dimethyl polysiloxane

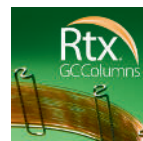
ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.50 µm	15 m	0 to 220 °C	ea.	11335
	0.50 µm	30 m	0 to 220 °C	ea.	11338
	1.00 µm	15 m	0 to 220 °C	ea.	11350
	1.00 µm	30 m	0 to 220 °C	ea.	11353
0.32 mm	1.00 µm	15 m	0 to 220 °C	ea.	11351
	1.00 µm	30 m	0 to 220 °C	ea.	11354
	1.50 µm	15 m	0 to 220 °C	ea.	11366
	1.50 µm	30 m	0 to 220 °C	ea.	11369
0.53 mm	1.00 µm	15 m	0 to 220 °C	ea.	11352
	1.00 µm	30 m	0 to 220 °C	ea.	11355
	3.00 µm	30 m	0 to 220 °C	ea.	11385



Note: We recommend using base-deactivated fused silica guard columns and base-deactivated liners with Rtx-35 Amine columns.

Rtx-35 Columns (fused silica) midpolarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	0.20 µm	20 m	40 to 300/320 °C	ea.		40402
	0.40 µm	10 m	40 to 290/310 °C	ea.		40410



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	30 m	40 to 320 °C	ea.		10408
	0.25 µm	15 m	40 to 320 °C	ea.	Agilent 19091G-131	10420
	0.25 µm	30 m	40 to 320 °C	ea.	Agilent 122-1932, 19091G-133	10423
	0.25 µm	60 m	40 to 300/320 °C	ea.	Agilent 122-1962, 19091G-136	10426
	0.50 µm	15 m	40 to 310 °C	ea.		10435
	0.50 µm	30 m	40 to 310 °C	ea.	Agilent 122-1933	10438
	0.50 µm	60 m	40 to 290/310 °C	ea.		10441
	1.00 µm	30 m	40 to 290 °C	ea.	Agilent 122-1934	10453
	1.00 µm	60 m	40 to 280/300 °C	ea.		10456
0.32 mm	0.25 µm	15 m	40 to 320 °C	ea.		10421
	0.25 µm	30 m	40 to 320 °C	ea.	Agilent 123-1932, 19091G-113	10424
	0.50 µm	30 m	40 to 310 °C	ea.	Agilent 123-1933	10439
	1.00 µm	30 m	40 to 290 °C	ea.	Agilent 123-1934	10454
	3.00 µm	60 m	40 to 250/270 °C	ea.		10487
	0.50 µm	15 m	40 to 300 °C	ea.		10437
0.53 mm	0.50 µm	30 m	40 to 300 °C	ea.	Agilent 125-1937, 19095G-523	10440
	1.00 µm	60 m	40 to 250/280 °C	ea.		10458
	1.00 µm	30 m	40 to 290 °C	ea.	Agilent 125-1932, 19095G-123	10455
	1.50 µm	30 m	40 to 280 °C	ea.		10470
	3.00 µm	30 m	40 to 240/260 °C	ea.		10485

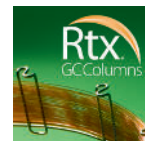
Rtx-440 Columns (fused silica) midpolarity proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.18 µm	20 m	20 to 320 °C	ea.	42902
0.25 mm	0.25 µm	30 m	20 to 320/340 °C	ea.	12923
	0.50 µm	30 m	20 to 320/340 °C	ea.	12938
0.32 mm	0.25 µm	30 m	20 to 320/340 °C	ea.	12924
	0.50 µm	30 m	20 to 320/340 °C	ea.	12939
0.53 mm	0.50 µm	30 m	20 to 320/340 °C	ea.	12940



Rtx-5 (G27) Columns (fused silica) low-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	-60 to 330/350 °C	ea.	Agilent 127-5012; Scion/Bruker/Varian CP7315	41201
	0.10 µm	20 m	-60 to 330/350 °C	ea.	Agilent 127-5022	41202
	0.40 µm	20 m	-60 to 320/340 °C	ea.	Agilent 127-5023	41204
0.18 mm	0.20 µm	10 m	-60 to 325/340 °C	ea.		40201
	0.20 µm	20 m	-60 to 325/340 °C	ea.		40202
	0.20 µm	40 m	-60 to 325/340 °C	ea.		40203
	0.40 µm	10 m	-60 to 315/330 °C	ea.	Agilent 121-5013	40210
	0.40 µm	20 m	-60 to 315/330 °C	ea.	Agilent 121-5023	40211
	0.40 µm	40 m	-60 to 315/330 °C	ea.	Agilent 121-5043	40212



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-5011; Phenomenex 7EG-G002-02	10205
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-5031, 19091J-333; Phenomenex 7HG-G002-02; Scion/Bruker/Varian CP7711	10208
	0.10 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-5061; Phenomenex 7KG-G002-02; Scion/Bruker/Varian CP7721	10211
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-5012, 19091J-431; Phenomenex 7EG-G002-11; Scion/Bruker/Varian CP8511	10220
	0.25 µm	15 m	-60 to 330/350 °C	6-pk.		10220-600
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-5032, 19091J-433; Phenomenex 7HG-G002-11; Scion/Bruker/Varian CP8751	10223
	0.25 µm	30 m	-60 to 330/350 °C	6-pk.		10223-600
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-5062, 19091J-436; Phenomenex 7KG-G002-11; Scion/Bruker/Varian CP8753	10226
	0.25 µm	60 m	-60 to 330/350 °C	6-pk.		10226-600
	0.25 µm	105 m	-60 to 320/350 °C	ea.		10229
	0.50 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-501E; Phenomenex 7EG-G002-17	10235
	0.50 µm	15 m	-60 to 330/350 °C	6-pk.		10235-600
	0.50 µm	30 m	-60 to 330 °C	ea.	Agilent 122-503E; Phenomenex 7HG-G002-17; Scion/Bruker/Varian CP7759	10238
	0.50 µm	60 m	-60 to 320/350 °C	ea.	Agilent 122-506E; Phenomenex 7KG-G002-17; Scion/Bruker/Varian CP7769	10241
	0.50 µm	105 m	-60 to 320/350 °C	ea.		10244
	1.00 µm	15 m	-60 to 325/340 °C	ea.	Agilent 122-5013, 19091J-231; Phenomenex 7EG-G002-22; Scion/Bruker/Varian CP8521	10250
	1.00 µm	30 m	-60 to 325/340 °C	ea.	Agilent 122-5033, 19091J-233; Phenomenex 7HG-G002-22; Scion/Bruker/Varian CP8771	10253
	1.00 µm	60 m	-60 to 320/340 °C	ea.	Agilent 122-5063, 19091J-236; Phenomenex 7KG-G002-22; Scion/Bruker/Varian C8781	10256
0.32 mm	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-5011; Phenomenex 7EM-G002-02; Scion/Bruker/Varian CP7731	10206
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-5031, 19091J-313; Phenomenex 7HM-G002-02; Scion/Bruker/Varian CP7741, CP8791	10209
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-5012, 19091J-411; Phenomenex 7EM-G002-11; Scion/Bruker/Varian CP8531	10221
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-5032, 19091J-413; Phenomenex 7HM-G002-11; Scion/Bruker/Varian CP8752	10224
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-5062, 19091J-416; Phenomenex 7KM-G002-11; Scion/Bruker/Varian CP8754	10227
	0.50 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-501E	10236
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-503E, 19091J-113; Phenomenex 7HM-G002-17; Scion/Bruker/Varian CP7779	10239
	0.50 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-506E	10242
	1.00 µm	15 m	-60 to 325/350 °C	ea.	Agilent 123-5013, 19091J-211; Phenomenex 7EM-G002-22; Scion/Bruker/Varian CP8541	10251
	1.00 µm	30 m	-60 to 325/350 °C	ea.	Agilent 123-5033, 19091J-213; Phenomenex 7HM-G002-22; Scion/Bruker/Varian CP7761, CP8761	10254
	1.00 µm	60 m	-60 to 320/350 °C	ea.	Agilent 123-5063, 19091J-216; Phenomenex 7KM-G002-22; Scion/Bruker/Varian CP8871	10257
	1.00 µm	60 m	-60 to 330/350 °C	6-pk.		10257-600
	1.00 µm	105 m	-60 to 310/350 °C	ea.		10260
	1.50 µm	15 m	-60 to 310/330 °C	ea.		10266
	1.50 µm	30 m	-60 to 310/330 °C	ea.	Agilent 123-503B	10269
	1.50 µm	60 m	-60 to 310/330 °C	ea.		10272
	1.50 µm	105 m	-60 to 300/320 °C	ea.		10275
	3.00 µm	15 m	-60 to 280/300 °C	ea.		10281
	3.00 µm	30 m	-60 to 280/300 °C	ea.		10284
	3.00 µm	60 m	-60 to 280/300 °C	ea.		10287
	3.00 µm	105 m	-60 to 260/300 °C	ea.		10290

Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	0.10 µm	15 m	-60 to 320/340 °C	ea.		10207
	0.10 µm	30 m	-60 to 320/340 °C	ea.		10210
	0.25 µm	15 m	-60 to 320/340 °C	ea.	Agilent 125-501K	10222
	0.25 µm	30 m	-60 to 320/340 °C	ea.	Agilent 125-503K	10225
	0.25 µm	60 m	-60 to 320/340 °C	ea.		10228
	0.50 µm	15 m	-60 to 320/330 °C	ea.	Agilent 125-5017; Phenomenex 7EK-G002-17	10237
	0.50 µm	30 m	-60 to 320/330 °C	ea.	Agilent 125-5037; Phenomenex 7HK-G002-17; Scion/Bruker/Varian CP8716	10240
	0.50 µm	60 m	-60 to 300/330 °C	ea.		10243
	1.00 µm	15 m	-60 to 320/330 °C	ea.	Agilent 125-5011; Scion/Bruker/Varian CP7626	10252
	1.00 µm	30 m	-60 to 320/330 °C	ea.	Agilent 125-5031; Scion/Bruker/Varian CP7636	10255
	1.00 µm	30 m	-60 to 320/330 °C	6-pk.		10255-600
	1.00 µm	60 m	-60 to 310/330 °C	ea.		10258
	1.50 µm	15 m	-60 to 310/330 °C	ea.	Agilent 125-5012, 19095J-321; Phenomenex 7EK-G002-28; Scion/Bruker/Varian CP8678	10267
	1.50 µm	30 m	-60 to 310/330 °C	ea.	Agilent 125-5032, 19095J-323; Phenomenex 7HK-G002-28; Scion/Bruker/Varian CP7631, CP8763	10270
	1.50 µm	60 m	-60 to 300/320 °C	ea.	Agilent 125-5062; Phenomenex 7KK-G002-28; Scion/Bruker/Varian CP8796	10273
	3.00 µm	15 m	-60 to 270/290 °C	ea.		10282
	3.00 µm	30 m	-60 to 270/290 °C	ea.	Agilent 125-5034; Phenomenex 7HK-G002-36	10285
	3.00 µm	30 m	-60 to 270/290 °C	6-pk.		10285-600
	3.00 µm	60 m	-60 to 270/290 °C	ea.		10288
	5.00 µm	15 m	-60 to 270/290 °C	ea.	Agilent 125-5015, 19095J-621	10277
	5.00 µm	30 m	-60 to 270/290 °C	ea.	Agilent 125-5035, 19095J-623; Phenomenex 7HK-G002-39; Scion/Bruker/Varian CP8756	10279
	5.00 µm	30 m	-60 to 270/290 °C	6-pk.		10279-600
	5.00 µm	60 m	-60 to 260/290 °C	ea.	Agilent 125-5065	10283

Rtx-5 Amine Columns (fused silica) low-polarity phase; Crossbond 5% diphenyl/95% dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	-60 to 315 °C	ea.		12320
	0.25 µm	30 m	-60 to 315 °C	ea.		12323
	0.50 µm	15 m	-60 to 300/315 °C	ea.	Agilent 122-501E	12335
	0.50 µm	30 m	-60 to 300/315 °C	ea.	Agilent 122-503E; Scion/Bruker/Varian CP7759	12338
	1.00 µm	15 m	-60 to 300/315 °C	ea.	Agilent 122-5013; Scion/Bruker/Varian CP8521	12350
	1.00 µm	30 m	-60 to 300/315 °C	ea.	Agilent 122-5033; Scion/Bruker/Varian CP8771	12353
0.32 mm	1.00 µm	15 m	-60 to 300/315 °C	ea.	Agilent 123-5013; Scion/Bruker/Varian CP8541	12351
	1.00 µm	30 m	-60 to 300/315 °C	ea.	Agilent 123-5033; Scion/Bruker/Varian CP7761, CP8761	12354
	1.50 µm	15 m	-60 to 290/305 °C	ea.		12366
	1.50 µm	30 m	-60 to 290/305 °C	ea.		12369
0.53 mm	1.00 µm	15 m	-60 to 290/305 °C	ea.	Agilent 125-501J	12352
	1.00 µm	30 m	-60 to 290/305 °C	ea.	Agilent 125-503J; Scion/Bruker/Varian CP7636	12355
	3.00 µm	15 m	-60 to 280/295 °C	ea.		12382
	3.00 µm	30 m	-60 to 280/295 °C	ea.	Agilent 125-5034	12385

Note: We recommend using base-deactivated fused silica guard columns and base-deactivated liners with Rtx-5 Amine columns.

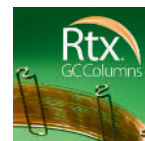
Rtx-5 DHA Tuning Column (fused silica) Crossbond 5% diphenyl/95% dimethyl polysiloxane—optimized for hydrocarbon analysis

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	1.00 µm	5 m	-60 to 325/350 °C	ea.	10165

Rtx-50 Columns (fused silica) midpolarity phase; Crossbond phenyl methyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	0.20 µm	10 m	40 to 310/330 °C	ea.		40501
	0.20 µm	20 m	40 to 310/330 °C	ea.		40502
	0.40 µm	20 m	40 to 300/320 °C	ea.		40511

Continued





ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	30 m	40 to 300/320 °C	ea.		10508
	0.25 µm	15 m	40 to 300/320 °C	ea.	Agilent 122-1712, 19091L-431; Scion/Bruker/Varian CP7820	10520
	0.25 µm	30 m	40 to 300/320 °C	ea.	Agilent 122-1732, 19091L-433; Scion/Bruker/Varian CP7821	10523
	0.25 µm	60 m	40 to 290/320 °C	ea.	Agilent 122-1762, 19091L-436; Scion/Bruker/Varian CP7822	10526
	0.50 µm	15 m	40 to 290/310 °C	ea.	Agilent 122-1713	10535
	0.50 µm	30 m	40 to 290/310 °C	ea.	Agilent 122-1733, 19091L-133; Scion/Bruker/Varian CP7824	10538
	1.00 µm	15 m	40 to 280/300 °C	ea.		10550
	1.00 µm	30 m	40 to 280/300 °C	ea.		10553
	1.00 µm	60 m	40 to 280/300 °C	ea.		10556
0.32 mm	0.25 µm	15 m	40 to 300/320 °C	ea.	Agilent 123-1712, 19091L-411; Scion/Bruker/Varian CP7830	10521
	0.25 µm	30 m	40 to 300/320 °C	ea.	Agilent 123-1732, 19091L-413; Scion/Bruker/Varian CP7831	10524
	0.50 µm	15 m	40 to 290/310 °C	ea.	Agilent 123-1713, 19091L-111; Scion/Bruker/Varian CP7833	10536
	0.50 µm	30 m	40 to 290/310 °C	ea.	Agilent 123-1733, 19091L-113; Scion/Bruker/Varian CP7834	10539
	0.50 µm	60 m	40 to 280/310 °C	ea.	Agilent 123-1763, 19091L-116; Scion/Bruker/Varian CP7835	10542
	1.00 µm	15 m	40 to 280/300 °C	ea.		10551
	1.00 µm	30 m	40 to 280/300 °C	ea.		10554
	1.00 µm	60 m	40 to 280/300 °C	ea.		10557
0.53 mm	0.25 µm	15 m	40 to 280/300 °C	ea.	Agilent 125-1711	10522
	0.25 µm	30 m	40 to 280/300 °C	ea.		10525
	0.50 µm	15 m	40 to 270/290 °C	ea.	Agilent 125-1717	10537
	0.50 µm	30 m	40 to 270/290 °C	ea.	Agilent 125-1737, 19095L-523	10540
	0.50 µm	60 m	40 to 270/290 °C	ea.		10543
	0.83 µm	30 m	40 to 270/290 °C	ea.		10569
	1.00 µm	15 m	40 to 260/280 °C	ea.	Agilent 125-1712, 19095L-021; Scion/Bruker/Varian CP7870	10552
	1.00 µm	30 m	40 to 260/280 °C	ea.	Agilent 125-1732, 19095L-023; Scion/Bruker/Varian CP7871	10555
	1.00 µm	60 m	40 to 260/280 °C	ea.	Agilent 125-1762; Scion/Bruker/Varian CP7872	10558
	1.50 µm	15 m	40 to 250/270 °C	ea.	Agilent 125-1713	10567
	1.50 µm	30 m	40 to 250/270 °C	ea.	Agilent 125-1733	10570

Rtx-502.2 Columns (fused silica) proprietary Crossbond diphenyl/dimethyl polysiloxane phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	1.00 µm	20 m	-20 to 250/270 °C	ea.		40914
	1.00 µm	40 m	-20 to 250/270 °C	ea.		40915
0.25 mm	1.40 µm	30 m	-20 to 250/270 °C	ea.		10915
	1.40 µm	60 m	-20 to 250/270 °C	ea.	Agilent 122-1464	10916
	1.40 µm	60 m	-20 to 250/270 °C	6-pk.		10916-600
	1.80 µm	30 m	-20 to 250/270 °C	ea.		10919
0.32 mm	1.80 µm	60 m	-20 to 250/270 °C	ea.	Agilent 123-1464	10920
	1.80 µm	105 m	-20 to 250/270 °C	ea.		10921
0.45 mm	2.55 µm	75 m	-20 to 250/270 °C	ea.	Agilent 124-1474	10986
	3.00 µm	30 m	-20 to 250/270 °C	ea.		10908
0.53 mm	3.00 µm	60 m	-20 to 250/270 °C	ea.		10909
	3.00 µm	105 m	-20 to 250/270 °C	ea.	Agilent 125-14A4	10910



Rtx-5MS—Low-Bleed GC-MS Columns (fused silica) low-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091S-331; Scion/Bruker/Varian CP5867	12605
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-333; Scion/Bruker/Varian CP5870	12608
	0.10 µm	60 m	-60 to 330/350 °C	ea.	Agilent 19091S-336; Scion/Bruker/Varian CP5872	12611
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091S-431; Scion/Bruker/Varian CP5868	12620
	0.25 µm	15 m	-60 to 330/350 °C	6-pk.		12620-600
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-433; Scion/Bruker/Varian CP5860	12623
	0.25 µm	30 m	-60 to 330/350 °C	6-pk.		12623-600
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 19091S-436; Scion/Bruker/Varian CP5861	12626
	0.50 µm	15 m	-60 to 330/350 °C	ea.		12635
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-133; Scion/Bruker/Varian CP5871	12638
	0.50 µm	60 m	-60 to 320/350 °C	ea.		12641
	1.00 µm	15 m	-60 to 325/350 °C	ea.	Agilent 19091S-231; Scion/Bruker/Varian CP5869	12650
	1.00 µm	30 m	-60 to 325/350 °C	ea.	Agilent 19091S-233; Scion/Bruker/Varian CP5862	12653



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.10 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091S-311; Scion/Bruker/Varian CP5873	12606
	0.10 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-313; Scion/Bruker/Varian CP5877	12609
	0.10 µm	60 m	-60 to 330/350 °C	ea.		12612
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091S-411	12621
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-413; Scion/Bruker/Varian CP5863	12624
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 19091S-416; Scion/Bruker/Varian CP5864	12627
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091S-113; Scion/Bruker/Varian CP5880	12639
	0.50 µm	60 m	-60 to 330/350 °C	ea.		12642
	1.00 µm	15 m	-60 to 325/350 °C	ea.		12651
0.53 mm	1.00 µm	30 m	-60 to 325/350 °C	ea.	Agilent 19091S-213; Scion/Bruker/Varian CP5865	12654
	0.50 µm	15 m	-60 to 320/340 °C	ea.		12637
	0.50 µm	30 m	-60 to 320/340 °C	ea.		12640
	1.00 µm	15 m	-60 to 320/340 °C	ea.		12652
	1.00 µm	30 m	-60 to 320/340 °C	ea.		12655
	1.50 µm	15 m	-60 to 310/330 °C	ea.		12667
	1.50 µm	30 m	-60 to 310/330 °C	ea.		12670

Rtx-624 Columns (fused silica) low- to midpolarity phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	1.00 µm	20 m	-20 to 240 °C	ea.	Agilent 121-1324	40924
	1.00 µm	40 m	-20 to 240 °C	ea.		40925
0.25 mm	1.40 µm	30 m	-20 to 240 °C	ea.	Agilent 122-1334; Scion/Bruker/Varian CP7412	10968
	1.40 µm	60 m	-20 to 240 °C	ea.	Agilent 122-1364	10969
0.32 mm	1.80 µm	30 m	-20 to 240 °C	ea.	Agilent 123-1334; Scion/Bruker/Varian CP7414	10970
	1.80 µm	60 m	-20 to 240 °C	ea.	Agilent 123-1364; Scion/Bruker/Varian CP7413, CP7415	10972
	3.00 µm	30 m	-20 to 240 °C	ea.	Agilent 125-1334; Scion/Bruker/Varian CP7416	10971
0.53 mm	3.00 µm	30 m	-20 to 240 °C	6-pk.		10971-600
	3.00 µm	60 m	-20 to 240 °C	ea.	Agilent 125-1364	10973
	3.00 µm	75 m	-20 to 240 °C	ea.	Agilent 125-1374; Scion/Bruker/Varian CP7417	10974
	3.00 µm	105 m	-20 to 240 °C	ea.		10975

**Rtx-65 Columns** (fused silica) mid- to high-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	15 m	50 to 300 °C	ea.	17020
	0.25 µm	30 m	50 to 300 °C	ea.	17023
	0.50 µm	30 m	50 to 280/300 °C	ea.	17038
	1.00 µm	30 m	50 to 260/280 °C	ea.	17053
0.32 mm	0.25 µm	30 m	50 to 300 °C	ea.	17024
	0.50 µm	30 m	50 to 280/300 °C	ea.	17039
	1.00 µm	30 m	50 to 260/280 °C	ea.	17054
0.53 mm	1.00 µm	30 m	50 to 250/270 °C	ea.	17055

**Rtx-65TG Columns** (fused silica) high-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.10 µm	15 m	40 to 370 °C	ea.	17005
	0.10 µm	30 m	40 to 370 °C	ea.	17008
0.32 mm	0.10 µm	15 m	40 to 370 °C	ea.	17006
	0.10 µm	30 m	40 to 370 °C	ea.	17009
0.53 mm	0.10 µm	30 m	40 to 370 °C	ea.	17010

**Rtx-BAC Plus 1 Columns** (fused silica)

ID	df	Length	Temp. Limits	qty.	cat.#
0.32 mm	1.80 µm	30 m	-20 to 240/260 °C	ea.	18004
0.53 mm	3.00 µm	30 m	-20 to 240/260 °C	ea.	18005





Rtx-BAC Plus 2 Columns (fused silica)

ID	df	Length	Temp. Limits	qty.	cat.#
0.32 mm	0.6 µm	30 m	-20 to 240/260 °C	ea.	18006
0.53 mm	1.0 µm	30 m	-20 to 240/260 °C	ea.	18007



Rtx-BAC1 Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	1.80 µm	30 m	-20 to 240/260 °C	ea.	Agilent 123-9134B	18003
0.53 mm	3.00 µm	30 m	-20 to 240/260 °C	ea.	Agilent 122-1313; Scion/Bruker/Varian CP8603	18001



Rtx-BAC2 Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	1.20 µm	30 m	-20 to 240/260 °C	ea.	Agilent 123-9134	18002
0.53 mm	2.00 µm	30 m	-20 to 240/260 °C	ea.	Agilent 125-9234	18000



Rtx-Biodiesel TG Columns (fused silica)

ID	df	Length	Temp. Limits	Modification	qty.	cat.#
0.32 mm	0.10 µm	10 m	to 330/380 °C		ea.	10292
	0.10 µm	10 m	to 330/380 °C	with 2 m x 0.53 mm ID Retention Gap (connected with SilTite µ-Union connector)	ea.	10291
	0.10 µm	15 m	to 330/380 °C		ea.	10294
	0.10 µm	15 m	to 330/380 °C	with 2 m x 0.53 mm ID Retention Gap (connected with SilTite µ-Union connector)	ea.	10293



Rtx-CLPesticides Column Kit, 0.25 mm ID proprietary Crossbond phases

Includes			qty.	cat.#
Rtx-CLPesticides Column (cat.# 11123); Rtx-CLPesticides2 Column (cat.# 11323); Deactivated Universal Angled "Y" Press-Tight Connector (cat.# 20403-261); and Siltek Guard Column (cat.# 10026)			kit	11199



11199

Rtx-CLPesticides Column Kit, 0.32 mm ID proprietary Crossbond phases

Includes			qty.	cat.#
Rtx-CLPesticides Kit (0.32 mm ID, 0.32 µm)				
Rtx-CLPesticides Column (cat.# 11141); Rtx-CLPesticides2 Column (cat.# 11324); Deactivated Universal Angled "Y" Press-Tight Connector (cat.# 20403-261); and Siltek Guard Column (cat.# 10027)			kit	11196
Rtx-CLPesticides Kit (0.32 mm ID, 0.50 µm)				
Rtx-CLPesticides Column (cat.# 11139); Rtx-CLPesticides2 Column (cat.# 11324); Deactivated Universal Angled "Y" Press-Tight Connector (cat.# 20403-261); and Siltek Guard Column (cat.# 10027)			kit	11198



11196

Rtx-CLPesticides Column Kit, 0.53 mm ID proprietary Crossbond phases

Includes			qty.	cat.#
Rtx-CLPesticides Column (cat.# 11140); Rtx-CLPesticides2 Column (cat.# 11340); Deactivated Universal Angled "Y" Press-Tight Connector (cat.# 20403-261); and IP Deactivated Guard Column (cat.# 10045)			kit	11197



11197

Rtx-CLPesticides Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	1.1 m (±3 cm)	-60 to 320/340 °C	ea.		15103
0.18 mm	0.18 µm	20 m	-60 to 320/340 °C	ea.	Agilent 122-3832	42102
	0.25 µm	15 m	-60 to 320/340 °C	ea.	Agilent 122-3832	11120
0.25 mm	0.25 µm	30 m	-60 to 320/340 °C	ea.	Agilent 122-3832	11123
	0.25 µm	30 m	-60 to 320/340 °C	6-pk.		11123-600
	0.25 µm	60 m	-60 to 320/340 °C	ea.		11126
	0.32 µm	30 m	-60 to 320/340 °C	ea.		11141
0.32 mm	0.50 µm	15 m	-60 to 320/340 °C	ea.	Agilent 123-3832	11136
	0.50 µm	30 m	-60 to 320/340 °C	ea.	Agilent 123-3832	11139
	0.50 µm	30 m	-60 to 320/340 °C	6-pk.		11139-600
0.53 mm	0.50 µm	30 m	-60 to 300/320 °C	ea.	Agilent 125-3837	11140





Rtx-CLPesticides2 Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	0.14 µm	10 m	-60 to 320/330 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	42301
	0.14 µm	20 m	-60 to 310/330 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	42302
0.25 mm	0.20 µm	30 m	-60 to 320/340 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	11323
	0.20 µm	60 m	-60 to 320/340 °C	ea.		11326
0.32 mm	0.25 µm	15 m	-60 to 320/340 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	11321
	0.25 µm	30 m	-60 to 320/340 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	11324
	0.25 µm	30 m	-60 to 320/340 °C	6-pk.		11324-600
	0.50 µm	30 m	-60 to 320/340 °C	ea.		11325
0.53 mm	0.42 µm	30 m	-60 to 300/320 °C	ea.	Agilent 123-1236; Scion/Bruker/Varian CP7936	11340



Rtx-DHA Columns (fused silica) Crossbond 100% dimethyl polysiloxane—optimized for hydrocarbon analysis

ID	df	Length	Temp. Limits	qty.	cat.#
Rtx-DHA-100					
0.25 mm	0.50 µm	100 m	-60 to 300/340 °C	ea.	10148
Rtx-DHA-150					
0.25 mm	1.00 µm	150 m	-60 to 280/340 °C	ea.	10149
Rtx-DHA-50					
0.20 mm	0.50 µm	50 m	-60 to 300/340 °C	ea.	10147



Rtx-Dioxin2 Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.18 µm	40 m	20 to 320/340 °C	ea.	10759
0.25 mm	0.25 µm	60 m	20 to 320/340 °C	ea.	10758



Rtx-Mineral Oil Columns (fused silica)

ID	df	Length	Temp. Limits	qty.	cat.#
0.32 mm	0.10 µm	15 m	-60 to 380/400 °C	ea.	18079
	0.15 µm	15 m	-60 to 380/400 °C	ea.	18074
	0.30 µm	15 m	-60 to 380/400 °C	ea.	18075



Rtx-OPPesticides Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.50 µm	30 m	-20 to 310/330 °C	ea.	Agilent 122-5532; Scion/Bruker/Varian CP5860	11239
0.53 mm	0.83 µm	30 m	-20 to 310/330 °C	ea.		11240
0.25 mm	0.25 µm	30 m	-20 to 320/340 °C	ea.		11223



Rtx-OPPesticides2 Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.20 µm	20 m	-20 to 310/330 °C	ea.	11244
0.25 mm	0.25 µm	30 m	-20 to 310/330 °C	ea.	11243
0.32 mm	0.32 µm	30 m	-20 to 310/330 °C	ea.	11241
0.53 mm	0.50 µm	30 m	-20 to 300/330 °C	ea.	11242



Rtx-PCB Columns (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.18 µm	20 m	30 to 320 °C	ea.	41302
	0.18 µm	40 m	30 to 320/340 °C	ea.	41303
	0.18 µm	60 m	30 to 320/340 °C	ea.	41304
0.25 mm	0.25 µm	30 m	30 to 320/340 °C	ea.	13223
	0.25 µm	60 m	30 to 320/340 °C	ea.	13226
0.32 mm	0.50 µm	30 m	30 to 320/340 °C	ea.	13239



**Rtx-VMS Columns** (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	1.00 µm	20 m	-40 to 240/260 °C	ea.	Agilent 121-1524	49914
	1.00 µm	40 m	-40 to 240/260 °C	ea.	Agilent 121-1524	49915
0.25 mm	1.40 µm	30 m	-40 to 240/260 °C	ea.	Agilent 122-1534	19915
	1.40 µm	60 m	-40 to 240/260 °C	ea.	Agilent 122-1564	19916
0.32 mm	1.80 µm	30 m	-40 to 240/260 °C	ea.	Agilent 123-1534	19919
	1.80 µm	60 m	-40 to 240/260 °C	ea.	Agilent 123-1564	19920
0.45 mm	2.55 µm	30 m	-40 to 240/260 °C	ea.	Agilent 124-1534	19908
	2.55 µm	60 m	-40 to 240/260 °C	ea.	Agilent 124-1574	19909
0.53 mm	3.00 µm	30 m	-40 to 240/260 °C	ea.	Agilent 124-1534	19985
	3.00 µm	60 m	-40 to 240/260 °C	ea.	Agilent 124-1574	19988
	3.00 µm	75 m	-40 to 240/260 °C	ea.	Agilent 124-1574	19974

**Rtx-Volatile Amine Columns** (fused silica)

ID	df	Length	Temp. Limits	qty.	cat.#
0.32 mm	5 µm	15 m	-60 to 270/290 °C	ea.	18076
	5 µm	30 m	-60 to 270/290 °C	ea.	18077
	5 µm	60 m	-60 to 270/290 °C	ea.	18078

Note: We recommend using base-deactivated fused silica guard columns and Topaz liners with Rtx-Volatile Amine columns.

**Rtx-Volatiles Columns** (fused silica) proprietary Crossbond diphenyl/dimethyl polysiloxane phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	1.00 µm	30 m	-20 to 270/280 °C	ea.	Agilent 122-1534	10900
	1.00 µm	60 m	-20 to 270/280 °C	ea.	Agilent 122-1564	10903
0.32 mm	1.50 µm	30 m	-20 to 270/280 °C	ea.	Agilent 123-1534	10901
	1.50 µm	60 m	-20 to 270/280 °C	ea.	Agilent 123-1564	10904
0.53 mm	2.00 µm	30 m	-20 to 270/280 °C	ea.	Agilent 124-1534	10902
	2.00 µm	60 m	-20 to 270/280 °C	ea.	Agilent 124-1574	10905
	2.00 µm	105 m	-20 to 270/280 °C	ea.	Agilent 124-1574	10906

**Rtx-VRX Columns** (fused silica) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	1.00 µm	20 m	-40 to 240/260 °C	ea.	Agilent 121-1524	49314
	1.00 µm	40 m	-40 to 240/260 °C	ea.	Agilent 121-1524	49315
0.25 mm	1.40 µm	30 m	-40 to 240/260 °C	ea.	Agilent 122-1534	19315
	1.40 µm	60 m	-40 to 240/260 °C	ea.	Agilent 122-1564	19316
0.32 mm	1.80 µm	30 m	-40 to 240/260 °C	ea.	Agilent 123-1534	19319
	1.80 µm	60 m	-40 to 240/260 °C	ea.	Agilent 123-1564	19320
0.45 mm	2.55 µm	30 m	-40 to 240/260 °C	ea.	Agilent 124-1534	19308
	2.55 µm	75 m	-40 to 240/260 °C	ea.	Agilent 124-1574	19309
0.53 mm	3.00 µm	30 m	-40 to 240/260 °C	ea.	Agilent 124-1534	19385
	3.00 µm	60 m	-40 to 240/260 °C	ea.	Agilent 124-1574	19388

**Rtx-Wax Columns** (fused silica) polar phase; Crossbond polyethylene glycol

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	20 m	20 to 250 °C	ea.	Agilent 127-7022	41602
	0.20 µm	10 m	20 to 250 °C	ea.	Agilent 127-7013; Scion/Bruker/Varian CP7335	41603
	0.10 µm	30 m	20 to 250 °C	ea.		12408
0.25 mm	0.25 µm	15 m	20 to 250 °C	ea.	Agilent 122-7012; Scion/Bruker/Varian CP8513	12420
	0.25 µm	30 m	20 to 250 °C	ea.	Agilent 122-7032; Scion/Bruker/Varian CP8713, CP97713	12423
	0.25 µm	60 m	20 to 250 °C	ea.	Agilent 122-7062; Scion/Bruker/Varian CP8723	12426
	0.50 µm	15 m	20 to 250 °C	ea.	Agilent 122-7013; Scion/Bruker/Varian CP8523	12435
	0.50 µm	30 m	20 to 250 °C	ea.	Agilent 122-7033; Scion/Bruker/Varian CP8746	12438
	0.50 µm	60 m	20 to 250 °C	ea.	Agilent 122-7063; Scion/Bruker/Varian CP8120, CP8748	12441



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.25 µm	15 m	20 to 250 °C	ea.		12421
	0.25 µm	30 m	20 to 250 °C	ea.	Agilent 123-7032; Scion/Bruker/Varian CP8843	12424
	0.25 µm	60 m	20 to 250 °C	ea.	Agilent 123-7063; Scion/Bruker/Varian CP8773	12427
	0.50 µm	15 m	20 to 250 °C	ea.	Agilent 123-7013; Scion/Bruker/Varian CP8553	12436
	0.50 µm	30 m	20 to 250 °C	ea.	Agilent 123-7033; Scion/Bruker/Varian CP8763	12439
	0.50 µm	60 m	20 to 250 °C	ea.	Agilent 123-7063; Scion/Bruker/Varian CP8773	12442
	1.00 µm	15 m	20 to 240/250 °C	ea.		12451
	1.00 µm	30 m	20 to 240/250 °C	ea.		12454
	1.00 µm	60 m	20 to 240/250 °C	ea.		12457
0.53 mm	0.25 µm	30 m	20 to 250 °C	ea.	Agilent 125-7031	12425
	0.50 µm	30 m	20 to 250 °C	ea.	Agilent 125-7037	12440
	1.00 µm	15 m	20 to 240/250 °C	ea.	Agilent 125-7012; Scion/Bruker/Varian CP8718	12452
	1.00 µm	30 m	20 to 240/250 °C	ea.	Agilent 125-7032; Scion/Bruker/Varian CP8738, CP97638	12455
	1.00 µm	60 m	20 to 240/250 °C	ea.	Agilent 125-7062; Scion/Bruker/Varian CP8798	12458

Rxi Guard/Retention Gap Columns (fused silica)

ID	Length	OD	qty.	Similar to Part #	cat.#
0.25 mm	5 m	0.37 ± 0.04 mm	ea.	Agilent 160-2255-5; Phenomenex 7AG-G000-00-GHO	10029
	5 m	0.37 ± 0.04 mm	6-pk.		10029-600
	10 m	0.37 ± 0.04 mm	ea.	Phenomenex 7CG-G000-00-GHO	10059
	10 m	0.37 ± 0.04 mm	6-pk.		10059-600
0.32 mm	5 m	0.45 ± 0.04 mm	ea.	Agilent 160-2325-5; Phenomenex 7AM-G000-00-GHO	10039
	5 m	0.45 ± 0.04 mm	6-pk.		10039-600
	10 m	0.45 ± 0.04 mm	ea.	Agilent 160-2325-10; Phenomenex 7CM-G000-00-GHO	10064
	10 m	0.45 ± 0.04 mm	6-pk.		10064-600
0.53 mm	5 m	0.69 ± 0.05 mm	ea.	Agilent 160-2535-5; Phenomenex 7AK-G000-00-GHO	10054
	5 m	0.69 ± 0.05 mm	6-pk.		10054-600
	10 m	0.69 ± 0.05 mm	ea.	Agilent 160-2535-10; Phenomenex 7CK-G000-00-GHO	10073
	10 m	0.69 ± 0.05 mm	6-pk.		10073-600



Rxi-1301SII MS Columns (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	-60 to 320 °C	ea.	16094
	0.25 µm	60 m	-60 to 320 °C	ea.	16096
	1.00 µm	30 m	-60 to 320 °C	ea.	16095
	1.00 µm	60 m	-60 to 320 °C	ea.	16097
0.32 mm	0.25 µm	30 m	-60 to 320 °C	ea.	16098
	1.00 µm	30 m	-60 to 320 °C	ea.	16099
	1.00 µm	60 m	-60 to 320 °C	ea.	16100
	1.50 µm	30 m	-60 to 320 °C	ea.	16104
	1.50 µm	60 m	-60 to 320 °C	ea.	16105
	1.00 µm	15 m	-60 to 320 °C	ea.	16101
0.53 mm	1.00 µm	30 m	-60 to 320 °C	ea.	16102
	3.00 µm	30 m	-60 to 280/300 °C	ea.	16106
	3.00 µm	60 m	-60 to 280/300 °C	ea.	16107



Rxi-17 Columns (fused silica) midpolarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	1.1 m (±3 cm)	40 to 320/320 °C	ea.		15104
	0.10 µm	10 m	40 to 280/320 °C	ea.	Agilent 127-1712	13501
0.18 mm	0.18 µm	20 m	40 to 280/320 °C	ea.	Agilent 121-1722	13502
0.25 mm	0.25 µm	15 m	40 to 280/320 °C	ea.	Agilent 122-1712	13520
	0.25 µm	30 m	40 to 280/320 °C	ea.	Agilent 122-1732	13523
	0.50 µm	30 m	40 to 280/320 °C	ea.	Agilent 122-1733	13538
	1.00 µm	30 m	40 to 280/320 °C	ea.		13553
0.32 mm	0.25 µm	30 m	40 to 280/320 °C	ea.	Agilent 123-1732	13524
	0.50 µm	30 m	40 to 280/320 °C	ea.	Agilent 123-1733	13539
	1.00 µm	30 m	40 to 280/320 °C	ea.		13554



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	0.25 µm	30 m	40 to 280/320 °C	ea.	Agilent 125-1731	13525
	0.50 µm	30 m	40 to 280/320 °C	ea.	Agilent 125-1737	13540
	1.00 µm	15 m	40 to 280/320 °C	ea.	Agilent 125-1712	13552
	1.00 µm	30 m	40 to 280/320 °C	ea.	Agilent 125-1732	13555
	1.50 µm	30 m	40 to 280/320 °C	ea.	Agilent 125-1733	13570

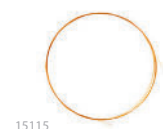
Rxi-17Sil MS Columns (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	40 to 340/360 °C	ea.		14101
0.15 mm	0.15 µm	10 m	40 to 340/360 °C	ea.		43820
	0.15 µm	20 m	40 to 340/360 °C	ea.		43821
0.18 mm	0.18 µm	20 m	40 to 340/360 °C	ea.	Agilent 121-4722	14102
	0.36 µm	20 m	40 to 340/360 °C	ea.		14111
0.25 mm	0.25 µm	15 m	40 to 340/360 °C	ea.	Agilent 122-4712; Phenomenex 7EG-G004-11	14120
	0.25 µm	30 m	40 to 340/360 °C	ea.	Agilent 122-4732; Phenomenex 7HG-G004-11	14123
	0.25 µm	60 m	40 to 340/360 °C	ea.	Agilent 122-4762; Phenomenex 7KG-G004-11	14126
0.32 mm	0.25 µm	15 m	40 to 340/360 °C	ea.	Agilent 123-4712; Phenomenex 7EM-G004-11	14121
	0.25 µm	30 m	40 to 340/360 °C	ea.	Agilent 123-4732; Phenomenex 7HM-G004-11	14124



Rxi-17Sil MS Secondary Columns for GCxGC (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	40 to 340/360 °C	ea.	15110
0.18 mm	0.18 µm	2 m	40 to 340/360 °C	ea.	15116
0.25 mm	0.25 µm	2 m	40 to 340/360 °C	ea.	15123



Rxi-1HT Columns (fused silica) nonpolar phase; dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	-60 to 400 °C	ea.	Agilent 123-1111	13950
	0.10 µm	30 m	-60 to 400 °C	ea.		13951
	0.25 µm	30 m	-60 to 400 °C	ea.		13952
0.32 mm	0.10 µm	15 m	-60 to 400 °C	ea.		13953
	0.10 µm	30 m	-60 to 400 °C	ea.		13954
	0.25 µm	30 m	-60 to 400 °C	ea.		13955



Rxi-1ms Columns (fused silica) nonpolar phase; Crossbond dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	1.1 m (±3 cm)	-60 to 330/350 °C	ea.		15106
	0.10 µm	10 m	-60 to 330/350 °C	ea.	Agilent 127-0112; Phenomenex 7CB-G011-02	13301
	0.15 µm	10 m	-60 to 330/350 °C	ea.		43800
0.15 mm	0.15 µm	20 m	-60 to 330/350 °C	ea.		43801
	2.0 µm	20 m	-60 to 330/350 °C	ea.		43802
0.18 mm	0.18 µm	20 m	-60 to 330/350 °C	ea.	Agilent 121-0122, 19091s-677; Phenomenex 7FD-G011-08	13302
	0.36 µm	20 m	-60 to 330/350 °C	ea.		13311
0.20 mm	0.33 µm	12 m	-60 to 330/350 °C	ea.	Agilent 128-0112; Phenomenex 7DE-G011-14	13397
	0.33 µm	12 m	-60 to 330/350 °C	6-pk.		13397-600
0.25 mm	0.33 µm	25 m	-60 to 330/350 °C	ea.	Agilent 128-0122, 19091s-602; Phenomenex 7GE-G011-14	13398
	0.33 µm	50 m	-60 to 330/350 °C	ea.		13399
	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 122-0112, 19091s-931; Phenomenex 7EG-G011-11	13320
0.25 mm	0.25 µm	15 m	-60 to 330/350 °C	6-pk.		13320-600
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 122-0132, 19091s-933; Phenomenex 7HG-G011-11	13323
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 122-0162, 19091s-936; Phenomenex 7KG-G011-11	13326
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13335
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-633; Phenomenex 7HG-G011-17	13338
	0.50 µm	60 m	-60 to 330/350 °C	ea.		13341
	1.00 µm	15 m	-60 to 330/350 °C	ea.		13350
	1.00 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-733; Phenomenex 7HG-G011-22	13353
	1.00 µm	60 m	-60 to 330/350 °C	ea.	Phenomenex 7KG-G011-22	13356



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 123-0112, 19091s-911; Phenomenex 7EM-G011-11	13321
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 123-0132, 19091s-913; Phenomenex 7HM-G011-11	13324
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 123-0162, 19091s-916	13327
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13336
	0.50 µm	30 m	-60 to 330/350 °C	ea.		13339
	0.50 µm	60 m	-60 to 330/350 °C	ea.		13342
	1.00 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-713; Phenomenex 7HM-G011-22	13354
	1.00 µm	60 m	-60 to 330/350 °C	ea.	Phenomenex 7KM-G011-22	13357
0.53 mm	4.00 µm	30 m	-60 to 330/350 °C	ea.		13396
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13337
	0.50 µm	30 m	-60 to 330/350 °C	ea.		13340
	1.00 µm	15 m	-60 to 330/350 °C	ea.		13352
	1.00 µm	30 m	-60 to 330/350 °C	ea.		13355
	1.50 µm	15 m	-60 to 330/350 °C	ea.		13367
	1.50 µm	30 m	-60 to 330/350 °C	ea.		13370
	1.50 µm	60 m	-60 to 330/350 °C	ea.		13373

Rxi-1ms Secondary Columns for GCxGC (fused silica) nonpolar phase; Crossbond dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	-60 to 330/350 °C	ea.	15114
0.18 mm	0.18 µm	2 m	-60 to 330/350 °C	ea.	15120
0.25 mm	0.25 µm	2 m	-60 to 330/350 °C	ea.	15127



Rxi-35Sil MS Columns (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	50 to 340/360 °C	ea.		13820
	0.25 µm	30 m	50 to 340/360 °C	ea.	Agilent 122-3832; Phenomenex 7HG-G003-11	13823
	0.50 µm	15 m	50 to 340/360 °C	ea.		13835
	0.50 µm	30 m	50 to 340/360 °C	ea.		13838
	1.00 µm	30 m	50 to 340/340 °C	ea.		13853
0.32 mm	0.25 µm	15 m	50 to 340/360 °C	ea.		13821
	0.25 µm	30 m	50 to 340/360 °C	ea.	Agilent 123-3832; Phenomenex 7HM-G003-11	13824
	0.50 µm	15 m	50 to 340/360 °C	ea.		13836
	0.50 µm	30 m	50 to 340/360 °C	ea.		13839
	1.00 µm	30 m	50 to 340/340 °C	ea.		13854
0.53 mm	0.50 µm	15 m	50 to 340/360 °C	ea.		13837
	0.50 µm	30 m	50 to 340/340 °C	ea.	Agilent 125-3837; Phenomenex 7HK-G003-17	13840
	1.00 µm	30 m	50 to 325/340 °C	ea.		13855
	3.00 µm	30 m	50 to 280/300 °C	ea.		13859



Rxi-5HT Columns (fused silica) low-polarity phase; diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	-60 to 400 °C	ea.	Agilent 122-5711; Phenomenex 7EG-G015-02	13905
	0.10 µm	30 m	-60 to 400 °C	ea.	Agilent 122-5731; Phenomenex 7HGO015-02	13908
	0.25 µm	15 m	-60 to 400 °C	ea.		13911
	0.25 µm	30 m	-60 to 400 °C	ea.	Phenomenex 7HG-G015-11	13923
0.32 mm	0.10 µm	15 m	-60 to 400 °C	ea.	Agilent 123-5711; Phenomenex 7EM-G015-02	13906
	0.10 µm	30 m	-60 to 400 °C	ea.	Agilent 123-5731; Phenomenex 7HM-G015-02	13909
	0.25 µm	30 m	-60 to 400 °C	ea.	Phenomenex 7HM-G015-11	13924
0.53 mm	0.15 µm	30 m	-60 to 380/400 °C	ea.	Phenomenex 7HK-G015-05	13910



Rxi-5ms Columns (fused silica) low-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	-60 to 330/350 °C	ea.		13401
	0.18 µm	20 m	-60 to 330/350 °C	ea.	Agilent 19091s-577	13402
0.18 mm	0.30 µm	20 m	-60 to 330/350 °C	ea.		13409
	0.36 µm	20 m	-60 to 330/350 °C	ea.		13411



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.20 mm	0.33 µm	12 m	-60 to 330/350 °C	ea.	Agilent 19091s-101	13497
	0.33 µm	25 m	-60 to 330/350 °C	ea.	Agilent 19091s-102	13498
	0.33 µm	50 m	-60 to 330/350 °C	ea.	Agilent 19091s-105	13499
0.25 mm	0.25 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091s-431; Phenomenex 7EG-G018-11	13420
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-433; Phenomenex 7HG-G018-11	13423
	0.25 µm	30 m	-60 to 330/350 °C	6-pk.		13423-600
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 19091s-436; Phenomenex 7KG-G018-11	13426
	0.40 µm	30 m	-60 to 330/350 °C	ea.		13481
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13435
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-133; Phenomenex 7HG-G018-17	13438
	0.50 µm	60 m	-60 to 330/350 °C	ea.		13441
	1.00 µm	15 m	-60 to 330/350 °C	ea.	Agilent 19091s-231	13450
	1.00 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-233	13453
0.32 mm	1.00 µm	60 m	-60 to 330/350 °C	ea.		13456
	0.25 µm	15 m	-60 to 330/350 °C	ea.		13421
	0.25 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-413; Phenomenex 7HM-G018-11	13424
	0.25 µm	60 m	-60 to 330/350 °C	ea.	Agilent 19091s-416	13427
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13436
	0.50 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-113; Phenomenex 7HM-G018-17	13439
	0.50 µm	60 m	-60 to 330/350 °C	ea.		13442
	1.00 µm	15 m	-60 to 330/350 °C	ea.		13451
	1.00 µm	30 m	-60 to 330/350 °C	ea.	Agilent 19091s-213	13454
	1.00 µm	60 m	-60 to 330/350 °C	ea.		13457
0.53 mm	0.25 µm	15 m	-60 to 330/350 °C	ea.		13422
	0.25 µm	30 m	-60 to 330/350 °C	ea.		13425
	0.50 µm	15 m	-60 to 330/350 °C	ea.		13437
	0.50 µm	30 m	-60 to 330/350 °C	ea.		13440
	1.00 µm	15 m	-60 to 330/350 °C	ea.		13452
	1.00 µm	30 m	-60 to 330/350 °C	ea.		13455
	1.00 µm	30 m	-60 to 330/350 °C	6-pk.		13455-600
	1.50 µm	15 m	-60 to 330/350 °C	ea.		13467
	1.50 µm	30 m	-60 to 330/350 °C	ea.		13470

Rxi-5Sil MS Columns (fused silica) low-polarity phase; Crossbond 1,4-bis(dimethylsiloxy)phenylene dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	-60 to 320/350 °C	ea.		43601
0.15 mm	0.15 µm	10 m	-60 to 320/350 °C	ea.		43815
	0.15 µm	20 m	-60 to 320/350 °C	ea.		43816
0.18 mm	2.0 µm	20 m	-60 to 320/350 °C	ea.		43817
	0.10 µm	60 m	-60 to 320/350 °C	ea.		43607
	0.18 µm	20 m	-60 to 320/350 °C	ea.	Agilent 121-5522; Phenomenex 7FD-G010-08	43602
	0.18 µm	40 m	-60 to 320/350 °C	ea.		43605
	0.36 µm	20 m	-60 to 320/350 °C	ea.	Agilent 121-5523; Phenomenex 7FD-G010-53	43604
0.25 mm	0.10 µm	15 m	-60 to 320/350 °C	ea.	Agilent 122-5511	13605
	0.10 µm	30 m	-60 to 320/350 °C	ea.	Agilent 122-5531	13608
	0.25 µm	15 m	-60 to 320/350 °C	ea.	Agilent 122-5512; Phenomenex 7EG-G010-11	13620
	0.25 µm	30 m	-60 to 320/350 °C	ea.	Agilent 122-5532, 122-5631; Phenomenex 7HG-G010-11	13623
	0.25 µm	30 m	-60 to 320/350 °C	6-pk.		13623-600
	0.25 µm	60 m	-60 to 320/350 °C	ea.	Agilent 122-5562; Phenomenex 7KG-G010-11	13626
	0.50 µm	15 m	-60 to 320/350 °C	ea.	Agilent 122-5516	13635
	0.50 µm	30 m	-60 to 320/350 °C	ea.	Agilent 122-5536; Phenomenex 7HG-G010-17	13638
	1.00 µm	15 m	-60 to 320/350 °C	ea.	Agilent 122-5513	13650
0.32 mm	1.00 µm	30 m	-60 to 320/350 °C	ea.	Agilent 122-5533; Phenomenex 7HG-G010-22	13653
	1.00 µm	60 m	-60 to 320/350 °C	ea.	Agilent 122-5563	13697
	0.25 µm	15 m	-60 to 320/350 °C	ea.	Agilent 123-5512	13621
	0.25 µm	30 m	-60 to 320/350 °C	ea.	Agilent 123-5532; Phenomenex 7HM-G010-11	13624
	0.50 µm	30 m	-60 to 320/350 °C	ea.	Agilent 123-5536; Phenomenex 7HM-G010-17	13639
0.53 mm	1.00 µm	30 m	-60 to 320/350 °C	ea.	Agilent 123-5533; Phenomenex 7HM-G010-22	13654
	1.50 µm	30 m	-60 to 320/330 °C	ea.	Agilent 126-5532	13670





Rxi-5Sil MS Secondary Columns for GCxGC (fused silica) low-polarity phase; Crossbond 1,4-bis(dimethylsiloxy)phenylene dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	-60 to 330/350 °C	ea.	15113
0.18 mm	0.18 µm	2 m	-60 to 330/350 °C	ea.	15119
0.25 mm	0.25 µm	2 m	-60 to 330/350 °C	ea.	15126



Rxi-624Sil MS Columns (fused silica) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.18 mm	1.00 µm	20 m	-20 to 300/320 °C	ea.	Agilent 121-1324; Phenomenex 7FD-G005-22	13865
0.25 mm	1.40 µm	30 m	-20 to 300/320 °C	ea.	Agilent 122-1334; Phenomenex 7HG-G005-27	13868
	1.40 µm	60 m	-20 to 300/320 °C	ea.		13869
0.32 mm	1.80 µm	30 m	-20 to 300/320 °C	ea.	Agilent 123-1334; Phenomenex 7HM-G005-31	13870
	1.80 µm	60 m	-20 to 300/320 °C	ea.	Agilent 123-1364; Phenomenex 7KM-G005-31	13872
0.53 mm	3.00 µm	30 m	-20 to 280/300 °C	ea.	Agilent 125-1334; Phenomenex 7HK-G005-36	13871
	3.00 µm	60 m	-60 to 280/300 °C	ea.		13873
	3.00 µm	75 m	-60 to 280/300 °C	ea.		13874
	3.00 µm	105 m	-60 to 280/300 °C	ea.		13875



Rxi-65TG Columns (fused silica) High-polarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.10 µm	15 m	40 to 370 °C	ea.	17105
	0.10 µm	25 m	40 to 370 °C	ea.	17107
	0.10 µm	30 m	40 to 370 °C	ea.	17108
	0.10 µm	15 m	40 to 370 °C	ea.	17106
0.32 mm	0.10 µm	25 m	40 to 370 °C	ea.	17110
	0.10 µm	30 m	40 to 370 °C	ea.	17109



Rxi-PAH Columns (fused silica) midpolarity proprietary phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.18 mm	0.07 µm	40 m	to 350/360 °C	ea.	49316
0.25 mm	0.10 µm	30 m	to 350/360 °C	ea.	49318
	0.10 µm	60 m	to 350/360 °C	ea.	49317



Rxi-SVOCms Columns (fused silica) Nonpolar Proprietary 5% phenyl-type phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.15 mm	0.15 µm	20 m	to 340/340 °C	ea.		46616
0.18 mm	0.18 µm	20 m	to 340/340 °C	ea.	Phenomenex 7FD-G027-08	46602
0.18 mm	0.36 µm	20 m	to 330/340 °C	ea.	Agilent 121-9723; Phenomenex 7FD-G027-53	46604
0.25 mm	0.25 µm	15 m	to 340/340 °C	ea.	Phenomenex 7EG-G027-11	16620
0.25 mm	0.25 µm	30 m	to 340/340 °C	ea.	Agilent 122-9732; Phenomenex 7HG-G027-11	16623
0.25 mm	0.50 µm	30 m	to 330/340 °C	ea.	Agilent 122-9736; Phenomenex 7HG-G027-17	16638
0.32 mm	0.25 µm	30 m	to 340/340 °C	ea.	Phenomenex 7HM-G027-11	16624
0.32 mm	0.50 µm	30 m	to 330/340 °C	ea.		16639



Rxi-XLB Columns (fused silica) low-polarity proprietary phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	10 m	30 to 340/360 °C	ea.		43701
0.18 mm	0.18 µm	20 m	30 to 340/360 °C	ea.	Phenomenex 7FD-G019-08	43702
	0.10 µm	15 m	30 to 340/360 °C	ea.	Agilent 122-1211	13705
0.25 mm	0.10 µm	30 m	30 to 340/360 °C	ea.	Agilent 122-1231	13708
	0.25 µm	15 m	30 to 340/360 °C	ea.	Agilent 122-1212; Phenomenex 7EG-G019-11	13720
	0.25 µm	30 m	30 to 340/360 °C	ea.	Agilent 122-1232; Phenomenex 7HG-G019-11	13723
	0.25 µm	60 m	30 to 340/360 °C	ea.	Agilent 122-1262; Phenomenex 7KG-G019-11	13726
	0.50 µm	30 m	30 to 340/360 °C	ea.	Agilent 122-1236; Phenomenex 7HG-G019-17	13738
	1.00 µm	30 m	30 to 340/360 °C	ea.	Agilent 122-1233	13753



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.32 mm	0.25 µm	30 m	30 to 340/360 °C	ea.	Agilent 123-1232; Phenomenex 7HM-G019-11	13724
	0.25 µm	60 m	30 to 340/360 °C	ea.	Agilent 123-1262	13727
	0.50 µm	30 m	30 to 340/360 °C	ea.	Agilent 123-1236; Phenomenex 7HM-G019-17	13739
	1.00 µm	30 m	30 to 340/360 °C	ea.		13754
0.53 mm	0.50 µm	30 m	30 to 320/360 °C	ea.		13740

Rxi-XLB Secondary Columns for GCxGC (fused silica) low polarity proprietary phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	30 to 340/360 °C	ea.	15115
0.18 mm	0.18 µm	2 m	30 to 340/360 °C	ea.	15121
0.25 mm	0.25 µm	2 m	30 to 340/360 °C	ea.	15128



15115

Siltek-Deactivated Guard/Retention Gap Columns/Transfer Lines (fused silica)

ID	Length	OD	qty.	cat.#
5 m, 0.25 mm ID Siltek Guard Column				
0.25 mm	5 m	0.37 ± 0.04 mm	ea.	10026
	5 m	0.37 ± 0.04 mm	6-pk.	10026-600
5 m, 0.32 mm ID Siltek Guard Column				
0.32 mm	5 m	0.45 ± 0.04 mm	ea.	10027
	5 m	0.45 ± 0.04 mm	6-pk.	10027-600
Siltek Guard Column				
0.25 mm	10 m	0.37 ± 0.04 mm	ea.	10036
	10 m	0.37 ± 0.04 mm	6-pk.	10036-600
0.32 mm	10 m	0.45 ± 0.04 mm	ea.	10037
	10 m	0.45 ± 0.04 mm	6-pk.	10037-600



10036

Stabilwax Columns (fused silica) polar phase; Crossbond polyethylene glycol

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.10 mm	0.10 µm	1.1 m (±3 cm)	40 to 250/250 °C	ea.		15102
	0.10 µm	10 m	40 to 250/260 °C	ea.		42601
0.15 mm	0.15 µm	10 m	40 to 250/260 °C	ea.		43830
	0.15 µm	20 m	40 to 250/260 °C	ea.		43831
0.18 mm	0.18 µm	20 m	40 to 250 °C	ea.		40602
	0.10 µm	15 m	40 to 250/260 °C	ea.		10605
0.25 mm	0.10 µm	30 m	40 to 250/260 °C	ea.		10608
	0.10 µm	60 m	40 to 250/260 °C	ea.		10611
	0.25 µm	15 m	40 to 250/260 °C	ea.	Agilent 122-7312, 19091N-131; Scion/Bruker/Varian CP8513	10620
	0.25 µm	30 m	40 to 250/260 °C	ea.	Agilent 122-7332, 19091N-133; Scion/Bruker/Varian CP8713	10623
	0.25 µm	30 m	40 to 250/260 °C	6-pk.		10623-600
	0.25 µm	60 m	40 to 250/260 °C	ea.	Agilent 122-7362, 19091N-136; Scion/Bruker/Varian CP8723	10626
	0.50 µm	15 m	40 to 250/260 °C	ea.	Agilent 122-7313, 19091N-231; Scion/Bruker/Varian CP8523	10635
	0.50 µm	30 m	40 to 250/260 °C	ea.	Agilent 122-7333, 19091N-233; Scion/Bruker/Varian CP8746	10638
	0.50 µm	60 m	40 to 250/260 °C	ea.	Agilent 122-7363, 19091N-236; Scion/Bruker/Varian CP8748	10641
	0.10 µm	30 m	40 to 250 °C	ea.		10609
	0.25 µm	15 m	40 to 250/260 °C	ea.	Agilent 123-7312, 19091N-111; Scion/Bruker/Varian CP8543	10621
	0.25 µm	30 m	40 to 250/260 °C	ea.	Agilent 123-7332, 19091N-113; Scion/Bruker/Varian CP8843	10624
0.32 mm	0.25 µm	60 m	40 to 250/260 °C	ea.	Agilent 123-7362, 19091N-116; Scion/Bruker/Varian CP8853	10627
	0.50 µm	15 m	40 to 250/260 °C	ea.	Agilent 123-7313, 19091N-211; Scion/Bruker/Varian CP8553	10636
	0.50 µm	30 m	40 to 250/260 °C	ea.	Agilent 123-7333, 19091N-213; Scion/Bruker/Varian CP8763	10639
	0.50 µm	60 m	40 to 250/260 °C	ea.	Agilent 123-7363, 19091N-216; Scion/Bruker/Varian CP8773	10642
	1.00 µm	15 m	40 to 240/250 °C	ea.	Agilent 123-7314	10651
	1.00 µm	30 m	40 to 240/260 °C	ea.	Agilent 123-7334	10654
	1.00 µm	60 m	40 to 240/260 °C	ea.	Agilent 123-7364	10657



Continued



ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	0.10 µm	30 m	40 to 250 °C	ea.		10610
	0.25 µm	15 m	40 to 250/260 °C	ea.		10622
	0.25 µm	30 m	40 to 250/260 °C	ea.		10625
	0.25 µm	60 m	40 to 250/260 °C	ea.		10628
	0.50 µm	15 m	40 to 250/260 °C	ea.		10637
	0.50 µm	30 m	40 to 250/260 °C	ea.		10640
	0.50 µm	60 m	40 to 250/260 °C	ea.		10643
	1.00 µm	15 m	40 to 240/250 °C	ea.	Agilent 125-7312	10652
	1.00 µm	30 m	40 to 240/250 °C	ea.	Agilent 125-7332	10655
	1.00 µm	30 m	40 to 240/250 °C	6-pk.		10655-600
	1.00 µm	60 m	40 to 240/250 °C	ea.	Agilent 125-7362	10658
	1.50 µm	15 m	40 to 230/240 °C	ea.		10666
	1.50 µm	30 m	40 to 230/240 °C	ea.	Agilent 125-7333	10669
	1.50 µm	60 m	40 to 230/240 °C	ea.	Agilent 125-7363	10672
	2.00 µm	15 m	40 to 220/230 °C	ea.	Agilent 125-7314	10667
	2.00 µm	30 m	40 to 220/230 °C	ea.	Agilent 125-7334	10670

Stabilwax Secondary Columns for GCxGC (fused silica) polar phase; Crossbond polyethylene glycol

ID	df	Length	Temp. Limits	qty.	cat.#
0.15 mm	0.15 µm	2 m	40 to 250/260 °C	ea.	15112
0.18 mm	0.18 µm	2 m	40 to 250/260 °C	ea.	15118
0.25 mm	0.25 µm	2 m	40 to 250/260 °C	ea.	15125



15115

Stabilwax-DA Columns (fused silica) polar phase; Crossbond acid-deactivated Carbowax polyethylene glycol—for acidic compounds

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.10 µm	15 m	40 to 250/260 °C	ea.		11005
	0.10 µm	30 m	40 to 250/260 °C	ea.		11008
	0.25 µm	15 m	40 to 250/260 °C	ea.	Agilent 122-3212, 19091F-431; Phenomenex 7EG-G009-11	11020
	0.25 µm	30 m	40 to 250/260 °C	ea.	Agilent 122-3232, 19019F-433; Phenomenex 7HG-G009-11; Scion/Bruker/Varian CP7717	11023
	0.25 µm	60 m	40 to 250/260 °C	ea.	Agilent 122-3262; Phenomenex 7KG-G009-11; Scion/Bruker/Varian CP7727	11026
	0.50 µm	15 m	40 to 250/260 °C	ea.		11035
	0.50 µm	30 m	40 to 250/260 °C	ea.	Agilent 122-3233	11038
	0.50 µm	60 m	40 to 250/260 °C	ea.	Agilent 122-3263	11041
0.32 mm	0.10 µm	30 m	40 to 250/260 °C	ea.		11009
	0.25 µm	15 m	40 to 250/260 °C	ea.	Agilent 123-3212, 19091F-411; Phenomenex 7EM-G009-11	11021
	0.25 µm	30 m	40 to 250/260 °C	ea.	Agilent 123-3232, 19091F-413; Phenomenex 7HM-G009-11	11024
	0.25 µm	60 m	40 to 250/260 °C	ea.	Agilent 123-3262	11027
	0.50 µm	15 m	40 to 250/260 °C	ea.		11036
	0.50 µm	30 m	40 to 250/260 °C	ea.	Agilent 123-3233; Phenomenex 7HM-G009-17	11039
	0.50 µm	60 m	40 to 250/260 °C	ea.	Agilent 123-3263	11042
	1.00 µm	15 m	40 to 240/250 °C	ea.	Agilent 123-3214	11051
	1.00 µm	30 m	40 to 240/250 °C	ea.	Agilent 123-3234; Scion/Bruker/Varian CP7767	11054
	1.00 µm	60 m	40 to 240/250 °C	ea.	Agilent 123-3264; Scion/Bruker/Varian CP7777	11057
0.53 mm	0.10 µm	15 m	40 to 250/260 °C	ea.		11007
	0.25 µm	15 m	40 to 250/260 °C	ea.		11022
	0.25 µm	30 m	40 to 250/260 °C	ea.	Agilent 125-3231	11025
	0.25 µm	60 m	40 to 250/260 °C	ea.		11028
	0.50 µm	15 m	40 to 250/260 °C	ea.	Agilent 125-3217	11037
	0.50 µm	30 m	40 to 250/260 °C	ea.	Agilent 125-3237	11040
	0.50 µm	60 m	40 to 250/260 °C	ea.		11043
	1.00 µm	15 m	40 to 240/250 °C	ea.	Agilent 125-3212, 19095F-120; Phenomenex 7EK-G009-22	11052
	1.00 µm	30 m	40 to 240/250 °C	ea.	Agilent 125-3232, 19095F-123; Phenomenex 7HK-G009-22; Scion/Bruker/Varian CP7486, CP7614	11055
	1.00 µm	60 m	40 to 240/250 °C	ea.	Agilent 125-3262; Scion/Bruker/Varian CP7624	11058
	1.50 µm	15 m	40 to 230/240 °C	ea.		11062
	1.50 µm	30 m	40 to 230/240 °C	ea.	Agilent 125-3233; Scion/Bruker/Varian CP7654	11065
	1.50 µm	60 m	40 to 230/240 °C	ea.		11068



Stabilwax-DA columns should not be rinsed with water.



Stabilwax-DB Columns (fused silica) polar phase; Crossbond base-deactivated Carbowax polyethylene glycol—for amines and basic compounds

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	40 to 210/220 °C	ea.	Agilent 112-2112	10820
	0.25 µm	30 m	40 to 210/220 °C	ea.	Agilent 112-2132	10823
	0.50 µm	30 m	40 to 210/220 °C	ea.	Agilent 122-103E	10838
0.32 mm	0.25 µm	15 m	40 to 210/220 °C	ea.	Agilent 113-2112	10821
	0.25 µm	30 m	40 to 210/220 °C	ea.	Agilent 113-2132	10824
	0.25 µm	60 m	40 to 210/210 °C	ea.		10827
	0.50 µm	30 m	40 to 210/220 °C	ea.	Agilent 113-2133	10839
	1.00 µm	15 m	40 to 210/220 °C	ea.		10851
	1.00 µm	30 m	40 to 210/220 °C	ea.		10854
0.53 mm	1.00 µm	60 m	40 to 210/220 °C	ea.		10857
	0.50 µm	30 m	40 to 210/220 °C	ea.		10840
	1.00 µm	15 m	40 to 210/220 °C	ea.	Agilent 115-2112	10852
	1.00 µm	30 m	40 to 210/220 °C	ea.	Agilent 115-2132	10855
	1.00 µm	60 m	40 to 210/220 °C	ea.	Agilent 115-2162	10858
	1.50 µm	30 m	40 to 210/220 °C	ea.		10869



Stabilwax-MS Columns (fused silica)

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	40 to 250/260 °C	ea.	10673
0.32 mm	0.25 µm	30 m	40 to 250/260 °C	ea.	10674



Stx-CLPesticides Column Kit proprietary Crossbond phases

Includes			qty.	cat.#
Stx-CLPesticides Column (cat.# 11546); Stx-CLPesticides2 Column (cat.# 11444); Universal Angled "Y" Press-Tight Connector (cat.# 20403); and Siltek Guard Column (cat.# 10027)			kit	11193



11193

Stx-CLPesticides Column Kit, 0.25mm ID proprietary Crossbond phases

Includes			qty.	cat.#
Stx-CLPesticides Column (cat.# 11543); Stx-CLPesticides2 Column (cat.# 11443); Universal Angled "Y" Press-Tight Connector (cat.# 20403); and Siltek Guard Column (cat.# 10026)			kit	11190



11190

Stx-CLPesticides Columns (fused silica with Siltek deactivation) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	15 m	-60 to 310/330 °C	ea.	11540
	0.25 µm	30 m	-60 to 310/330 °C	ea.	11543
	0.32 µm	30 m	-60 to 320/330 °C	ea.	11546
0.32 mm	0.50 µm	15 m	-60 to 310/330 °C	ea.	11541
	0.50 µm	30 m	-60 to 310/330 °C	ea.	11544
	0.50 µm	30 m	-60 to 310/330 °C	6-pk.	11544-600



Stx-CLPesticides2 Columns (fused silica with Siltek deactivation) proprietary Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.20 µm	15 m	-60 to 310/330 °C	ea.	11440
	0.20 µm	30 m	-60 to 310/330 °C	ea.	11443
	0.25 µm	15 m	-60 to 310/330 °C	ea.	11441
0.32 mm	0.25 µm	30 m	-60 to 310/330 °C	ea.	11444
	0.25 µm	30 m	-60 to 310/330 °C	6-pk.	11444-600



Hydroguard-Treated MXT Guard/Retention Gap Columns/Transfer Lines (passivated stainless steel)

ID	Length	OD	qty.	cat.#
0.53 mm	5 m	0.74 ± 0.025 mm	ea.	70081
	10 m	0.74 ± 0.025 mm	ea.	70084
	30 m*	0.74 ± 0.025 mm	ea.	70087



*30-meter lengths are banded in 5-meter sections.

Diameters greater than 0.10 mm are tested with the Grob test mix to ensure high inertness.



Intermediate-Polarity Deactivated MXT Guard/Retention Gap Columns/Transfer Lines (passivated stainless steel)

ID	Length	OD	qty.	cat.#
0.28 mm	5 m	0.56 ± 0.025 mm	ea.	70044
	5 m	0.56 ± 0.025 mm	6-pk.	70044-600
	10 m	0.56 ± 0.025 mm	ea.	70046
0.53 mm	5 m	0.74 ± 0.025 mm	ea.	70045
	5 m	0.74 ± 0.025 mm	6-pk.	70045-600
	10 m	0.74 ± 0.025 mm	ea.	70047



MXT-1 Columns (Siltek-treated stainless steel) nonpolar phase; Crossbond dimethyl polysiloxane

ID	df	Length	Temp. Limits	Column Config	qty.	Similar to Part #	cat.#
0.18 mm	0.20 µm	10 m	-60 to 330/430 °C		ea.		71811
	0.20 µm	20 m	-60 to 330/430 °C		ea.		71812
	0.40 µm	20 m	-60 to 320/400 °C		ea.		71815
0.25 mm	0.10 µm	15 m	-60 to 360/430 °C		ea.		70105
	0.10 µm	30 m	-60 to 330/430 °C		ea.		70116
	0.25 µm	15 m	-60 to 360/430 °C		ea.		70120
	0.25 µm	30 m	-60 to 330/430 °C		ea.		70123
	0.25 µm	60 m	-60 to 340/430 °C		ea.		70126
	0.25 µm	105 m	-60 to 340/430 °C		ea.		70129
	0.50 µm	15 m	-60 to 330/400 °C		ea.		70135
	0.50 µm	30 m	-60 to 330/400 °C		ea.		70138
	1.00 µm	15 m	-60 to 320/360 °C		ea.		70150
	1.00 µm	30 m	-60 to 320/360 °C		ea.		70153
	1.00 µm	60 m	-60 to 320/360 °C		ea.		70156
	1.00 µm	105 m	-60 to 310/360 °C		ea.		70159
0.28 mm	0.10 µm	6 m	-60 to 400/430 °C		ea.		70102
	0.10 µm	15 m	-60 to 360/430 °C		ea.		70106
	0.10 µm	30 m	-60 to 360/430 °C		ea.		70109
	0.25 µm	15 m	-60 to 360/430 °C		ea.		70121
	0.25 µm	30 m	-60 to 360/430 °C		ea.		70124
	0.50 µm	30 m	-60 to 330/400 °C		ea.		70139
	0.50 µm	30 m	-60 to 330/400 °C	3.5" Coil	ea.		70139-273
	0.50 µm	60 m	-60 to 330/400 °C		ea.		70142
	1.00 µm	15 m	-60 to 320/360 °C		ea.		70151
	1.00 µm	30 m	-60 to 320/360 °C		ea.		70154
	1.00 µm	30 m	-60 to 320/360 °C		6-pk.		70154-600
	1.00 µm	60 m	-60 to 320/360 °C		ea.		70157
	3.00 µm	15 m	-60 to 285/360 °C		ea.		70181
	3.00 µm	30 m	-60 to 285/360 °C		ea.		70184
	3.00 µm	60 m	-60 to 285/360 °C		ea.		70187



Continued



ID	df	Length	Temp. Limits	Column Config	qty.	Similar to Part #	cat.#
0.53 mm	0.15 µm	15 m	-60 to 360/430 °C		ea.		70107
	0.25 µm	15 m	-60 to 360/430 °C		ea.		70122
	0.25 µm	30 m	-60 to 360/430 °C		ea.		70125
	0.25 µm	60 m	-60 to 340/430 °C		ea.		70128
	0.50 µm	15 m	-60 to 330/400 °C		ea.	Agilent 145-1017; Scion/Bruker/Varian CP7125	70137
	0.50 µm	30 m	-60 to 330/400 °C		ea.	Agilent 145-1037; Scion/Bruker/Varian CP7135	70140
	0.50 µm	60 m	-60 to 330/400 °C		ea.		70143
	1.00 µm	15 m	-60 to 320/360 °C		ea.		70152
	1.00 µm	30 m	-60 to 320/360 °C		ea.		70155
	1.00 µm	30 m	-60 to 320/360 °C	6" Coil	ea.		70155-271
	1.00 µm	60 m	-60 to 320/360 °C		ea.		70158
	1.00 µm	60 m	-60 to 320/360 °C	6" Coil	ea.		70158-271
	1.50 µm	15 m	-60 to 310/360 °C		ea.	Agilent 145-1012	70167
	1.50 µm	30 m	-60 to 310/360 °C		ea.	Agilent 145-1032	70170
	1.50 µm	60 m	-60 to 310/360 °C		ea.		70173
	3.00 µm	15 m	-60 to 285/360 °C		ea.		70182
	3.00 µm	30 m	-60 to 285/360 °C		ea.	Agilent 145-1034	70185
	3.00 µm	60 m	-60 to 285/360 °C		ea.		70188
	3.00 µm	105 m	-60 to 285/360 °C		ea.		70189
	5.00 µm	15 m	-60 to 270/360 °C		ea.		70177
	5.00 µm	15 m	-60 to 270/360 °C	3.5" Coil	ea.		70177-273
	5.00 µm	30 m	-60 to 270/360 °C		ea.	Agilent 145-1035	70179
	5.00 µm	30 m	-60 to 270/360 °C	3.5" Coil	ea.		70179-273
	5.00 µm	60 m	-60 to 270/360 °C		ea.		70183
	5.00 µm	60 m	-60 to 270/360 °C	3.5" Coil	ea.		70183-273
	7.00 µm	15 m	-60 to 240/360 °C		ea.		70191
	7.00 µm	30 m	-60 to 250/360 °C		ea.		70192
	7.00 µm	60 m	-60 to 240/360 °C		ea.		70193

MXT-1301 Columns (Siltek-treated stainless steel) low- to midpolarity phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.53 mm	3.00 µm	15 m	-20 to 240/280 °C	ea.	76082
	3.00 µm	30 m	-20 to 240/280 °C	ea.	76085
	3.00 µm	60 m	-20 to 240/280 °C	ea.	76088

**MXT-1701 Columns** (Siltek-treated stainless steel) midpolarity Crossbond phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	-20 to 280 °C	ea.	72023
	1.00 µm	30 m	-20 to 260 °C	ea.	72053
0.53 mm	0.50 µm	30 m	-20 to 270/280 °C	ea.	72040
	1.00 µm	15 m	-20 to 260 °C	ea.	72052
	1.00 µm	30 m	-20 to 260 °C	ea.	72055
	1.50 µm	30 m	-20 to 250 °C	ea.	72070
	3.00 µm	15 m	-20 to 240 °C	ea.	72082
	3.00 µm	30 m	-20 to 240 °C	ea.	72085
	3.00 µm	60 m	-20 to 220/240 °C	ea.	72088

**MXT-1HT SimDist Column** (Siltek-treated stainless steel) nonpolar phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	0.10 µm	5 m	-60 to 430/450 °C	ea.	Agilent CP7569	70112
	0.20 µm	5 m	-60 to 430 °C	ea.		70115
	0.21 µm	10 m	-60 to 430 °C	ea.		70118
	0.88 µm	5 m	-60 to 400/430 °C	ea.		70131
	0.88 µm	10 m	-60 to 400/430 °C	ea.		70134
	1.00 µm	10 m	-60 to 380/400 °C	ea.		70130
	1.20 µm	10 m	-60 to 380/380 °C	ea.		70119
	2.65 µm	10 m	-60 to 380/400 °C	ea.		70132
	5.00 µm	10 m	-60 to 380/400 °C	ea.		70133



**MXT-20 Columns** (Siltek-treated stainless steel) low- to midpolarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 μ m	15 m	-20 to 330/340 °C	ea.	70320

**MXT-200 Columns** (Siltek-treated stainless steel) midpolarity phase; Crossbond trifluoropropylmethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.50 μ m	30 m	-20 to 290/360 °C	ea.	75038
	1.00 μ m	30 m	-20 to 290/360 °C	ea.	75053
	1.00 μ m	15 m	-20 to 290/360 °C	ea.	75052
	1.00 μ m	30 m	-20 to 290/360 °C	ea.	75055
0.53 mm	1.00 μ m	60 m	-20 to 290/360 °C	ea.	75058
	1.50 μ m	30 m	-20 to 280/360 °C	ea.	75070
	1.50 μ m	60 m	-20 to 260/360 °C	ea.	75073
	3.00 μ m	15 m	-20 to 260/360 °C	ea.	75082
	3.00 μ m	30 m	-20 to 270/360 °C	ea.	75085
	3.00 μ m	60 m	-20 to 260/360 °C	ea.	75088

**MXT-2887 Column** (Siltek-treated stainless steel) nonpolar phase; Crossbond 100% dimethyl polysiloxane—for simulated distillation

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.53 mm	2.65 μ m	10 m	-60 to 360/400 °C	ea.	Agilent 145-2814	70199

**MXT-35 Columns** (Siltek-treated stainless steel) midpolarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.50 μ m	30 m	0 to 290/340 °C	ea.	70438
0.53 mm	3.00 μ m	15 m	0 to 240/340 °C	ea.	70482

**MXT-5 Columns** (Siltek-treated stainless steel) low-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	Column Config	qty.	Similar to Part #	cat.#
0.18 mm	0.20 μ m	10 m	-60 to 325/430 °C		ea.		71821
	0.20 μ m	20 m	-60 to 325/400 °C		ea.		71822
	0.20 μ m	40 m	-60 to 325/430 °C		ea.		71823
	0.40 μ m	10 m	-60 to 315/400 °C		ea.		71824
	0.40 μ m	20 m	-60 to 315/400 °C		ea.		71825
0.25 mm	0.10 μ m	15 m	-60 to 330/430 °C		ea.		70205
	0.10 μ m	30 m	-60 to 330/430 °C		ea.		70208
	0.25 μ m	15 m	-60 to 360/430 °C		ea.		70220
	0.25 μ m	30 m	-60 to 360/430 °C		ea.		70223
	0.25 μ m	60 m	-60 to 330/430 °C		ea.		70226
	0.50 μ m	15 m	-60 to 330/360 °C		ea.		70235
	0.50 μ m	30 m	-60 to 315/400 °C		ea.		70238
	1.00 μ m	15 m	-60 to 310/340 °C		ea.		70250
	1.00 μ m	30 m	-60 to 310/340 °C		ea.		70253
0.28 mm	0.25 μ m	15 m	-60 to 340/430 °C		ea.		70221
	0.25 μ m	30 m	-60 to 360/430 °C		ea.		70224
	0.25 μ m	60 m	-60 to 340/430 °C		ea.		70227
	0.50 μ m	15 m	-60 to 315/400 °C		ea.		70236
	0.50 μ m	30 m	-60 to 330/400 °C		ea.		70239
	1.00 μ m	15 m	-60 to 310/360 °C		ea.		70251
	1.00 μ m	30 m	-60 to 325/360 °C		ea.		70254
	1.00 μ m	60 m	-60 to 325/360 °C		ea.		70257
	3.00 μ m	30 m	-60 to 290/360 °C		ea.		70284



Continued



ID	df	Length	Temp. Limits	Column Config	qty.	Similar to Part #	cat.#
0.53 mm	0.25 µm	15 m	-60 to 340/430 °C		ea.		70222
	0.25 µm	30 m	-60 to 340/430 °C		ea.		70225
	0.25 µm	60 m	-60 to 340/430 °C		ea.		70228
	0.50 µm	15 m	-60 to 330/400 °C		ea.		70237
	0.50 µm	30 m	-60 to 330/400 °C		ea.		70240
	1.00 µm	15 m	-60 to 310/360 °C		ea.		70252
	1.00 µm	15 m	-60 to 310/360 °C	3.5" Coil	ea.		70252-273
	1.00 µm	30 m	-60 to 325/360 °C		ea.		70255
	1.00 µm	30 m	-60 to 325/360 °C	3.5" Coil	ea.		70255-273
	1.00 µm	60 m	-60 to 310/360 °C		ea.		70258
	1.50 µm	15 m	-60 to 300/360 °C		ea.		70267
	1.50 µm	30 m	-60 to 300/360 °C		ea.	Agilent 145-5032	70270
	3.00 µm	15 m	-60 to 290/360 °C		ea.		70282
	3.00 µm	30 m	-60 to 290/360 °C		ea.		70285
	3.00 µm	60 m	-60 to 290/360 °C		ea.		70288
	5.00 µm	15 m	-60 to 270/360 °C		ea.		70277
	5.00 µm	30 m	-60 to 270/360 °C		ea.		70279
	5.00 µm	60 m	-60 to 270/360 °C		ea.		70283

MXT-50 Columns (Siltek-treated stainless steel) midpolarity phase; Crossbond phenyl methyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.53 mm	0.83 µm	30 m	0 to 280/300 °C	ea.	70569
	1.00 µm	15 m	0 to 260/280 °C	ea.	70552
	1.00 µm	30 m	0 to 260/280 °C	ea.	70555

**MXT-502.2 Columns** (Siltek-treated stainless steel) proprietary Crossbond diphenyl/dimethyl polysiloxane phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.28 mm	1.60 µm	30 m	-20 to 250/320 °C	ea.	70919
0.53 mm	3.00 µm	30 m	-20 to 250/320 °C	ea.	70908
	3.00 µm	105 m	-20 to 250/320 °C	ea.	70910

**MXT-624 Columns** (Siltek-treated stainless steel) low- to midpolarity phase

ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	1.40 µm	30 m	-20 to 240/280 °C	ea.		70968
	1.40 µm	60 m	-20 to 240/280 °C	ea.		70969
0.53 mm	3.00 µm	30 m	-20 to 240/280 °C	ea.	Agilent 145-1334	70971
	3.00 µm	60 m	-20 to 240/280 °C	ea.		70973

**MXT-65 Columns** (Siltek-treated stainless steel) mid- to high-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.25 µm	30 m	50 to 300 °C	ea.	77023

**MXT-65TG Columns** (Siltek-treated stainless steel) high-polarity phase; Crossbond diphenyl dimethyl polysiloxane

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	0.10 µm	15 m	20 to 370 °C	ea.	77005
	0.10 µm	30 m	20 to 370 °C	ea.	77008

**MXT-Biodiesel TG Columns** (Siltek-treated stainless steel)

ID	df	Length	Temp. Limits	Modification	Column Config	qty.	cat.#
0.53 mm	0.16 µm	14 m	-60 to 380/430 °C	with 2 m Integra-Gap (Total column length = 16 meters.)	7" 11-pin cage	ea.	70289
	0.16 µm	14 m	-60 to 380/430 °C	with 2 m Integra-Gap (Total column length = 16 meters.)	3.5" Coil	ea.	70289-273
	0.10 µm	10 m	-60 to 380/430 °C		7" 11-pin cage	ea.	70292
0.32 mm	0.10 µm	10 m	-60 to 380/430 °C	with 2 m x 0.53 mm ID Retention Gap (Connected with low-dead-volume MXT connector.)	7" 11-pin cage	ea.	70290
	0.10 µm	15 m	-60 to 380/430 °C		7" 11-pin cage	ea.	70293
	0.10 µm	15 m	-60 to 380/430 °C	with 2 m x 0.53 mm ID Retention Gap (Connected with low-dead-volume MXT connector.)	7" 11-pin cage	ea.	70291
0.53 mm		2 m	-60 to 380/430 °C	Retention Gap	7" 11-pin cage	ea.	70294





Metal (MXT) Capillary Columns | Packed & Micropacked Columns

MXT-Volatiles Columns (Siltek-treated stainless steel) proprietary Crossbond diphenyl/dimethyl polysiloxane phase

ID	df	Length	Temp. Limits	qty.	cat.#
0.28 mm	1.25 µm	30 m	-20 to 280/320 °C	ea.	70924
	1.25 µm	60 m	-20 to 280/320 °C	ea.	70926
0.53 mm	2.00 µm	30 m	-20 to 280/320 °C	ea.	70925
	2.00 µm	60 m	-20 to 280/320 °C	ea.	70927

**MXT-WAX Columns** (Siltek-treated stainless steel) polar phase; Crossbond Carbowax polyethylene glycol

ID	df	Length	Temp. Limits	Column Config	qty.	Similar to Part #	cat.#
0.25 mm	0.25 µm	15 m	40 to 250/260 °C		ea.		70620
	0.25 µm	30 m	40 to 240/260 °C		ea.		70623
	0.50 µm	30 m	40 to 250/260 °C		ea.		70638
0.28 mm	0.25 µm	30 m	40 to 250/260 °C		ea.		70624
	0.50 µm	30 m	40 to 250/260 °C		ea.		70639
	0.50 µm	60 m	40 to 250/260 °C		ea.		70642
	1.00 µm	15 m	40 to 240/250 °C		ea.		70651
	1.00 µm	30 m	40 to 240/250 °C		ea.		70654
	1.00 µm	60 m	40 to 240/250 °C		ea.		70657
	0.25 µm	15 m	40 to 250/260 °C		ea.		70622
	0.25 µm	30 m	40 to 250/260 °C		ea.		70625
	0.25 µm	30 m	40 to 250/260 °C	3.5" Coil	ea.		70625-273
	0.50 µm	15 m	40 to 250/260 °C		ea.		70637
0.53 mm	0.50 µm	30 m	40 to 250/260 °C		ea.		70640
	0.50 µm	30 m	40 to 250/260 °C	6" Coil	ea.		70640-271
	1.00 µm	15 m	40 to 240/250 °C		ea.	Agilent 145-7012; Scion/Bruker/Varian CP7148	70652
	1.00 µm	15 m	40 to 240/250 °C	6" Coil	ea.		70652-271
	1.00 µm	30 m	40 to 240/250 °C		ea.	Agilent 145-7032; Scion/Bruker/Varian CP7158	70655
	1.00 µm	30 m	40 to 240/250 °C	3.5" Coil	ea.		70655-273
	1.00 µm	30 m	40 to 240/250 °C	6" Coil	ea.		70655-271
	1.00 µm	60 m	40 to 240/250 °C		ea.		70658
	1.50 µm	15 m	40 to 230/250 °C		ea.		70666
	1.50 µm	30 m	40 to 230/250 °C		ea.		70669
	1.50 µm	60 m	40 to 230/250 °C		ea.		70672
	2.00 µm	15 m	40 to 220/260 °C		ea.		70667
	2.00 µm	30 m	40 to 220/250 °C		ea.		70670

**Siltek-Treated MXT Guard/Retention Gap Columns/Transfer Lines** (passivated stainless steel)

ID	Length	qty.	cat.#
0.28 mm	5 m	ea.	70026
	10 m	ea.	70036
	15 m	ea.	70056
	30 m	ea.	70066
0.53 mm	5 m	ea.	70028
	10 m	ea.	70038
	15 m	ea.	70058
	30 m	ea.	70068

**2abc Refinery Gas Column Set** (packed)

Description	ID	Length	Column Config	qty.	cat.#
2abc Refinery Gas Column Set (3 column set)			Agilent	set	88000-810
			Analytical Controls Configuration	set	88000-875
2.1% Carbowax 1540 Porasil C (backflush column)***	2.0 mm	2'	Analytical Controls Configuration	ea.	88004-875



***To be used with 2abc refinery gas column set (cat.# 88000-) to backflush and prevent C6 hydrocarbons from entering column set.

Column Configuration Key:

- 800** General—General Configuration
- 810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3
- 840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**n-Octane on Res-Sil C Column (packed)**

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
n-Octane on Res-Sil C	80/100	2.0 mm	1/8"	20'	General	SilcoSmooth Tubing	ea.	80436-800

Column Configuration Key:**-800** General—General Configuration**-810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980**-820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)**-830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3**-840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500**-850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

CarboBlack Columns (packed) On CarboBlack B

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
5% Krytox (Ni 200 tubing)	60/80	2.1 mm	1/8"	3.05 m	General	Nickel 200 Tubing	ea.	80127-800
5% Carbowax 20M	60/80	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	88012-800
6.6% Carbowax 20M	80/120	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80451-810
1% Rt-1000	60/80	2.1 mm	1/8"	8 ft.	General	Stainless Steel Tubing	ea.	88013-800
	60/80	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80452-810
	80/120	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80105-800
5% Carbowax 20M	80/120	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80105-810
	80/120	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80105-840
	60/80	2.0 mm	1/8"	1.8 m	General	SilcoSmooth Tubing**	ea.	80106-800
6.6% Carbowax 20M	60/80	2.0 mm	1/8"	1.8 m	Agilent	SilcoSmooth Tubing**	ea.	80106-810
	80/120	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80107-800
	80/120	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80107-810
1% Rt-1000	60/80	2.0 mm	1/8"	2.4 m	General	SilcoSmooth Tubing**	ea.	80206-800
	60/80	2.0 mm	1/8"	2.4 m	Agilent	SilcoSmooth Tubing**	ea.	80206-810
	80/120	2.0 mm	1/8"	3.05 m	General	SilcoSmooth Tubing**	ea.	80211-800
3% Rt-1500	80/120	2.0 mm	1/8"	3.05 m	Agilent	SilcoSmooth Tubing**	ea.	80211-810
	80/120	2.0 mm	1/8"	1.8 m	General	SilcoSmooth Tubing**	ea.	80305-800
1.5% XE-60/1% H ₃ PO ₄	60/80	2.0 mm	1/8"	1.8 m	General	SilcoSmooth Tubing**	ea.	80305-800

Column Configuration Key:**-800** General—General Configuration**-810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980**-820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)**-830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3**-840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500**-850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Siltek treated stainless steel.

**CarboBlack Columns (packed) On CarboBlack C**

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
0.2% Carbowax 1500	60/80	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80121-800
	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80122-800
	80/100	2.0 mm	1/8"	1.8 m	Agilent	SilcoSmooth Tubing**	ea.	80205-810
0.1% Rt-1000	80/100	2.0 mm	1/8"	1.8 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80205-840

Column Configuration Key:**-800** General—General Configuration**-810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980**-820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)**-830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3**-840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500**-850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Siltek treated stainless steel.

**CarboBlack Packing Materials**

Description	Temp. Limits	Mesh	Min Qty	qty.	cat.#
CarboBlack B	500 °C	60/80	10	gram	25500
	500 °C	80/120	10	gram	25501
CarboBlack C	500 °C	60/80	10	gram	25502
	500 °C	80/100	10	gram	25503
5% Carbowax 20m on CarboBlack B	225 °C	80/120	10	gram	25507



25501

Continued



Description	Temp. Limits	Mesh	Min Qty	qty.	cat.#
6.6% Carbowax 20m on CarboBlack B	225 °C	80/120	10	gram	25508
0.19% picric acid on CarboBlack C	120 °C	80/100	10	gram	25510
4% Carbowax 20m on CarboBlack B-DA	200 °C	80/120	10	gram	25511

Chromosorb Micropacked GC Columns

Description	ID	OD	Length	Temp. Limits	qty.	cat.#
20% TCEP on 80/100 Chromosorb PAW	0.75 mm	1/16"	0.56 m	0 to 175 °C	ea.	19040

D3606 Application Column Set (packed, 2 column set)

Description	Column Config	Temp. Limits	qty.	Similar to Part #	cat.#
D3606 Application Column (2 column set)	General	up to 140 °C	2 column set	Restek 83606-800	83606A-800
	Agilent 6850	up to 140 °C	2 column set		83606A-811
	Bruker 430, 450, Varian 3800	up to 140 °C	2 column set		83606A-821
	Agilent	up to 140 °C	2 column set	Restek 83606-810	83606A-810
	PE Auto Sys	up to 140 °C	2 column set	Restek 83606-840	83606A-840
	Shimadzu 14A	up to 140 °C	2 column set	Restek 83606-850	83606A-850



83606A-800

The inlet is identified on both column 1 and column 2. Note: The inlet of column 2 is identified for proper orientation for connection to the valve.

Column Configuration Key:

- 800** General—General Configuration
- 810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 811** Agilent 6850
- 821** Bruker 430, 450, Varian 3800
- 840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

DiatoSorb and Chromosorb Diatomaceous Earth Columns (nonbonded stationary phase packed columns)

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
3% Rt-101	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80461-800
10% TCEP	100/120 Chromosorb PAW	2.1 mm	1/8"	8 ft.	General	Stainless Steel Tubing	ea.	80465-800
5% Rt-1200/1.75% Bentone 34	100/120 Silcoport W***	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80125-800
5% Rt-1200/5% Bentone 34	100/120 Silcoport W***	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80129-800



Column Configuration Key:

- 800** General—General Configuration
- 810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3
- 840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Siltek treated stainless steel.

***Modified version of DiatoSorb-W; highest inertness, most consistent performance.

DiatoSorb Diatomaceous Earth Columns (bonded stationary phase packed columns)

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
3% Rt-x-1	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80441-800
10% Rt-x-1	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80442-810
	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	PE Auto Sys	Stainless Steel Tubing	ea.	80442-840
20% Rt-x-1	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80443-800
	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80443-810
5% Rt-x-Stabilwax	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80447-800
10% Rt-x-Stabilwax	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80448-800
20% Rt-x-Stabilwax	100/120 Silcoport W***	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80449-810
10% Rt-x-1	100/120 Silcoport W***	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80405-810
20% Rt-x-1	100/120 Silcoport W***	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80409-800
	100/120 Silcoport W***	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80409-810



Column Configuration Key:

- 800** General—General Configuration
- 810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3
- 840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.



These columns are for on-column injections. For not-on-column configuration, add suffix -901.

**Silek treated stainless steel.

***Modified version of DiatoSorb-W; highest inertness, most consistent performance.

HayeSep Micropacked GC Columns

Description	Mesh	ID	OD	Length	Temp. Limits	qty.	cat.#
HayeSep N	100/120	0.75 mm	0.95 mm	1 m	up to 165 °C	ea.	19022
	100/120	0.75 mm	0.95 mm	2 m	up to 165 °C	ea.	19023
	100/120	1.00 mm	1/16"	1 m	up to 165 °C	ea.	19020
	100/120	1.00 mm	1/16"	2 m	up to 165 °C	ea.	19021
HayeSep Q	80/100	0.53 mm	0.74 mm	2 m	up to 275 °C	ea.	19042
	100/120	0.75 mm	0.95 mm	1 m	up to 275 °C	ea.	19018
	100/120	0.75 mm	0.95 mm	2 m	up to 275 °C	ea.	19019
	100/120	1.00 mm	1/16"	1 m	up to 275 °C	ea.	19016
HayeSep S	100/120	1.00 mm	1/16"	2 m	up to 275 °C	ea.	19017
	100/120	0.75 mm	0.95 mm	1 m	up to 250 °C	ea.	19010
	100/120	0.75 mm	0.95 mm	2 m	up to 250 °C	ea.	19011
	100/120	1.00 mm	1/16"	1 m	up to 250 °C	ea.	19008
	100/120	1.00 mm	1/16"	2 m	up to 250 °C	ea.	19009

HayeSep Packing Materials

Description	Temp. Limits	Mesh	Min Qty	qty.	cat.#
HayeSep A	165 °C	80/100	1	24 g	25032
	165 °C	100/120	1	24 g	25033
HayeSep C	250 °C	80/100	1	24 g	25036
	250 °C	100/120	1	24 g	25037
HayeSep D	290 °C	60/80	1	24 g	25563
	290 °C	80/100	1	24 g	25038
HayeSep DB	290 °C	100/120	1	24 g	25039
	290 °C	80/100	1	24 g	25568
HayeSep N	290 °C	100/120	1	24 g	25569
	165 °C	60/80	1	24 g	25570
HayeSep P	165 °C	80/100	1	24 g	25045
	165 °C	100/120	1	24 g	25046
HayeSep Q	250 °C	60/80	1	24 g	25571
	250 °C	80/100	1	24 g	25047
HayeSep S	250 °C	100/120	1	24 g	25048
	275 °C	60/80	1	24 g	25572
HayeSep T	275 °C	80/100	1	24 g	25049
	275 °C	100/120	1	24 g	25050
HayeSep S	250 °C	60/80	1	24 g	25574
	250 °C	80/100	1	24 g	25053
HayeSep T	250 °C	100/120	1	24 g	25054
	165 °C	60/80	1	24 g	25575
HayeSep T	165 °C	80/100	1	24 g	25055
	165 °C	100/120	1	24 g	25056



25049

Installation Kit for Packed Columns

Description	Includes	Used with	qty.	cat.#
Packed Column Installation Kit	1/8" stainless steel nut (1); stainless steel Valco nut (1); 1/8" Vespel/graphite ferrule (1); stainless steel Valco ferrule (1); 1/8" stainless steel front ferrule (1); 1/8" stainless steel back ferrule (1)	for 2 mm ID columns; for valve applications.	kit	21067



21067

Installation Kits for Micropacked Columns

Description	Includes	Used with	qty.	cat.#
Micropacked Column Installation Kit	1/16" Valco nut (1); 1/16" stainless steel nut (1); 1/16" Vespel/graphite ferrule (1); 1/16" graphite ferrule (1); stainless steel ferrule (1); 1/16" stainless steel front ferrule (1); 1/16" stainless steel back ferrule (1)	for 1 mm ID columns; for valve applications.	kit	21065
	1/16" stainless steel nuts (2); 1/16" Vespel/graphite ferrules (2); 1/16" graphite ferrules (2); 1/16" stainless steel front ferrules (2); 1/16" stainless steel back ferrules (2)	for 1 mm ID columns; for direct injections.	kit	21066



21065



Micropacked Inlet Conversion Kits

Description	Includes	Used with	qty.	cat.#
Micropacked Column FID and Injection Port Adaptor Kit for Split/Splitless Injection	dual Vespel ring inlet seal, large bore; reducing nut, large bore; FID adaptor, large bore; 1/4" ferrule, Vespel/graphite; 1/4" nut, stainless steel; 1/16" ferrules, Vespel/graphite (2); 4 mm splitless liner, standard deactivation; 1/16" nuts, stainless steel (2)	For use with packed column FIDs only.	kit	22424
Micropacked Column FID and Injection Port Adaptor Kit for On-Column Injection	dual Vespel ring inlet seal, large bore; reducing nut, large bore; FID adaptor, large bore; 1/4" ferrule, Vespel/graphite; 1/4" nut, stainless steel; 1/16" ferrules, Vespel/graphite (2); Siltek treated metal liner installation guide; 1/16" nuts, stainless steel (2)	For use with packed column FIDs only.	kit	22425
Micropacked Column Injection Port Adaptor Kit for Split/Splitless Injection	dual Vespel ring inlet seal, large bore; reducing nut, large bore; 1/16" ferrule, Vespel/graphite; 1/16" nut, stainless steel; 4 mm splitless liner, standard deactivation		kit	22426
Micropacked Column Injection Port Adaptor Kit for On-Column Injection	dual Vespel ring inlet seal, large bore; reducing nut, large bore; 1/16" ferrule, Vespel/graphite; Siltek treated metal liner installation guide; 1/16" nut, stainless steel		kit	22427
Micropacked Column FID Adaptor Kit for FID	FID adaptor, large bore; 1/4" ferrule, Vespel/graphite; 1/4" nut, stainless steel; 1/16" nut, stainless steel; 1/16" ferrule, Vespel/graphite	For use with packed column FIDs only.	kit	22428



Molecular Sieve Columns (packed)

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
Molesieve 5A	60/80	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80473-800
	60/80	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80473-810
	80/100	2.1 mm	1/8"	3 ft.	General	Stainless Steel Tubing	ea.	88015-800
	80/100	2.1 mm	1/8"	3 ft.	Agilent	Stainless Steel Tubing	ea.	88015-810
	80/100	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80474-800
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80474-810
	80/100	2.1 mm	1/8"	6 ft.	PE Auto Sys	Stainless Steel Tubing	ea.	80474-840
	80/100	2.1 mm	1/8"	10 ft.	General	Stainless Steel Tubing	ea.	88014-800
Molesieve 13X	80/100	2.1 mm	1/8"	10 ft.	Agilent	Stainless Steel Tubing	ea.	88014-810
	60/80	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80475-800
	60/80	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80475-810
	60/80	2.1 mm	1/8"	6 ft.	Varian	Stainless Steel Tubing	ea.	80475-820
	80/100	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80476-800
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80476-810
	80/100	2.1 mm	1/8"	6 ft.	Varian	Stainless Steel Tubing	ea.	80476-820
	60/80	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80428-800
Molesieve 5A	60/80	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80428-810
	60/80	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80428-840
	80/100	2.0 mm	1/8"	1 m	General	SilcoSmooth Tubing**	ea.	80440-800
	80/100	2.0 mm	1/8"	1 m	Agilent	SilcoSmooth Tubing**	ea.	80440-810
	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80429-800
	80/100	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80429-810
	80/100	2.0 mm	1/8"	2 m	Varian	SilcoSmooth Tubing**	ea.	80429-820
	80/100	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80429-840
Molesieve 13X	80/100	2.0 mm	1/8"	3.05 m	General	SilcoSmooth Tubing**	ea.	80430-800
	80/100	2.0 mm	1/8"	3.05 m	Agilent	SilcoSmooth Tubing**	ea.	80430-810
	60/80	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80480-800
	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80439-800
	80/100	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80439-810
	80/100	2.0 mm	1/8"	2 m	Varian	SilcoSmooth Tubing**	ea.	80439-820



Column Configuration Key:

-800 General—General Configuration

-810 Agilent—(HP) 5880, 5890, 5987, 6890, 7980

-820 Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)

-830 PE/Sigma—PE 900-3920, Sigma 1, 2, 3

-840 PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500

-850 Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Siltek treated stainless steel.

Molesieve Micropacked GC Columns

Description	Mesh	ID	OD	Length	Temp. Limits	qty.	cat.#
Molesieve 5A	80/100	0.53 mm	0.74 mm	2 m	up to 300 °C	ea.	19041
	80/100	0.75 mm	0.95 mm	1 m	up to 300 °C	ea.	19002
	80/100	0.75 mm	0.95 mm	2 m	up to 300 °C	ea.	19003
	80/100	1.00 mm	1/16"	1 m	up to 300 °C	ea.	19000
	80/100	1.00 mm	1/16"	2 m	up to 300 °C	ea.	19001



Continued



Description	Mesh	ID	OD	Length	Temp. Limits	qty.	cat.#
Molesieve 13X	80/100	0.75 mm	0.95 mm	1 m	up to 350 °C	ea.	19006
	80/100	0.75 mm	0.95 mm	2 m	up to 350 °C	ea.	19007
	80/100	1.00 mm	1/16"	1 m	up to 350 °C	ea.	19004
	80/100	1.00 mm	1/16"	2 m	up to 350 °C	ea.	19005

OPN on Res-Sil C Column (packed)

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
OPN on Res-Sil C	80/100	2.0 mm	1/8"	12'	Agilent	SilcoSmooth Tubing	ea.	80437-810
	80/100	2.0 mm	1/8"	12'	General	SilcoSmooth Tubing	ea.	80437-800

Column Configuration Key:-**800** General—General Configuration-**810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980-**820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)-**830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3-**840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500-**850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Packed Column Inlet Adaptor Kit for 1/4" Injection Ports**

Description	Used with	qty.	cat.#
Packed Column Inlet Adaptor Kit for 1/4" Injection Ports	for 1/8" Columns	kit	21651
	for 3/16" Columns	kit	21650



21651

Porous Polymer Columns (packed)

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
HayeSep Q	80/100	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80467-800
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80467-810
	80/100	2.1 mm	1/8"	6 ft.	Varian	Stainless Steel Tubing	ea.	80467-820
	80/100	2.1 mm	1/8"	6 ft.	PE Auto Sys	Stainless Steel Tubing	ea.	80467-840
Porapak Q	80/100	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80468-800
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80468-810
Porapak QS	80/100	2.1 mm	1/8"	6 ft.	PE Auto Sys	Stainless Steel Tubing	ea.	80468-840
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80469-810
Porapak R	80/100	2.1 mm	1/8"	6 ft.	General	Stainless Steel Tubing	ea.	80470-800
	80/100	2.1 mm	1/8"	6 ft.	Agilent	Stainless Steel Tubing	ea.	80470-810
HayeSep Q	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80433-800
	80/100	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80433-810
	80/100	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80433-840
	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80427-800
Porapak Q	80/100	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing**	ea.	80427-810
	80/100	2.0 mm	1/8"	2 m	Varian	SilcoSmooth Tubing**	ea.	80427-820
	80/100	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing**	ea.	80427-840
	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80426-800
Porapak QS	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80426-800
Porapak R	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing**	ea.	80425-800

**Column Configuration Key:**-**800** General—General Configuration-**810** Agilent—(HP) 5880, 5890, 5987, 6890, 7980-**820** Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)-**830** PE/Sigma—PE 900-3920, Sigma 1, 2, 3-**840** PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500-**850** Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Siltek treated stainless steel.

Replacement Parts for Micropacked Conversion Kits

Description	Includes	qty.	cat.#
Replacement Inlet Seals for Micropacked Column Adaptor	Dual Vespel ring inlet seals, large bore (2)	2-pk.	22429
Replacement Metal Liner Installation Guide for On-Column Injection, Siltek Treated		ea.	22430





Res-Sil Packing Materials

Description	Temp. Limits	Mesh	Min Qty	qty.	cat.#
Res-Sil C	300 °C	60/80	10	gram	25400
	300 °C	80/100	10	gram	25028
Res-Sil B	300 °C	80/100	10	gram	25080
1% TCEP on Res-Sil B	175 °C	80/100	10	gram	25081
OPN on Res-Sil C	150 °C	80/100	10	gram	25042
<i>n</i> -Octane on Res-Sil C	150 °C	80/100	10	gram	25030
2% Carbowax 1540 on Res-Sil C	150 °C	80/100	10	gram	25044

25400



Rt-XLSulfur Micropacked Columns

Description	Mesh	ID	OD	Length	qty.	cat.#
Rt-XLSulfur Micropacked Column	100/120	0.53 mm	0.74 mm	2 m	ea.	19044
	100/120	0.75 mm	0.95 mm	1 m	ea.	19806
	100/120	0.75 mm	0.95 mm	2 m	ea.	19807
	100/120	1.00 mm	1/16"	1 m	ea.	19804
	100/120	1.00 mm	1/16"	2 m	ea.	19805

Note: Columns do not include column nuts and ferrules. Optional installation kits can be ordered separately.



Rt-XLSulfur Packed Columns

Description	Mesh	ID	OD	Length	Column Config	qty.	cat.#
Rt-XLSulfur Packed Column	100/120	2.0 mm	1/8"	1 m	General	ea.	80484-800
	100/120	2.0 mm	1/8"	1 m	Agilent	ea.	80484-810
	100/120	2.0 mm	1/8"	2 m	General	ea.	80485-800
	100/120	2.0 mm	1/8"	2 m	Agilent	ea.	80485-810

Note: Columns do not include column nuts and ferrules. Optional installation kits can be ordered separately.

Column Configuration Key:

- 800 General—General Configuration
- 810 Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 820 Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 830 PE/Sigma—PE 900-3920, Sigma 1, 2, 3
- 840 PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850 Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.



ShinCarbon ST Micropacked Columns SilcoSmooth Stainless Steel

Description	Mesh	ID	OD	Length	Temp. Limits	Material	qty.	cat.#
ShinCarbon ST Micropacked Column	80/100	0.53 mm	0.74 mm	1 m	up to 300 °C	SilcoSmooth Tubing	ea.	19045
	80/100	0.53 mm	0.74 mm	2 m	up to 300 °C	SilcoSmooth Tubing	ea.	19043
	100/120	0.75 mm	0.95 mm	1 m	up to 300 °C	SilcoSmooth Tubing	ea.	19810
	100/120	1.00 mm	1/16"	1 m	up to 300 °C	SilcoSmooth Tubing	ea.	19809
	100/120	1.00 mm	1/16"	2 m	up to 300 °C	SilcoSmooth Tubing	ea.	19808

Note: Columns do not include column nuts and ferrules. Optional installation kits can be ordered separately.

19043



ShinCarbon ST Packed Columns SilcoSmooth Stainless Steel

Description	Mesh	ID	OD	Length	Column Config	Material	qty.	cat.#
ShinCarbon ST Packed Column	80/100	2.0 mm	1/8"	2 m	General	SilcoSmooth Tubing	ea.	80486-800
	80/100	2.0 mm	1/8"	2 m	Agilent	SilcoSmooth Tubing	ea.	80486-810
	80/100	2.0 mm	1/8"	2 m	Varian	SilcoSmooth Tubing	ea.	80486-820
	80/100	2.0 mm	1/8"	2 m	PE Auto Sys	SilcoSmooth Tubing	ea.	80486-840

Note: Columns do not include column nuts and ferrules. Optional installation kits can be ordered separately.

80486-800



Column Configuration Key:

- 800 General—General Configuration
- 810 Agilent—(HP) 5880, 5890, 5987, 6890, 7980
- 820 Scion (Bruker 430, 450) (Varian 3700, Vista Series, FID)
- 830 PE/Sigma—PE 900-3920, Sigma 1, 2, 3
- 840 PE Auto Sys—PE Auto System 8300/8400/8700, Clarus 500
- 850 Shimadzu 14A—Shimadzu 14A, 2014

Other column configurations available.

**Tenax Packing Materials**

Description	Temp. Limits	Mesh	Min Qty	qty.	cat.#
Tenax-TA	350 °C	20/35	10	gram	25700
	350 °C	35/60	10	gram	25701
	350 °C	60/80	10	gram	25550
	350 °C	80/100	10	gram	25551
Tenax-GR	350 °C	60/80	10	gram	25552
	350 °C	80/100	10	gram	25553

25550

**MXT-Alumina BOND/MAPD Columns** (Siltek-treated stainless-steel PLOT)

ID	df	Length	Temp. Limits	Column Config	qty.	cat.#
0.53 mm	10 µm	30 m	-60 to 250 °C	7" 11-pin cage	ea.	79728
	10 µm	30 m	-60 to 250 °C	3.5" Coil	ea.	79728-273

**MXT-Alumina BOND/Na₂SO₄ Columns** (Siltek-treated stainless-steel PLOT)

ID	df	Length	Temp. Limits	Column Config	qty.	cat.#
0.53 mm	10 µm	30 m	-60 to 200 °C	7" 11-pin cage	ea.	79714
	10 µm	30 m	-60 to 200 °C	3.5" Coil	ea.	79714-273

**MXT-Msieve 5A Columns** (Siltek-treated stainless-steel PLOT)

ID	df	Length	Temp. Limits	Column Config	qty.	cat.#
0.53 mm	50 µm	30 m	-100 to 300 °C	7" 11-pin cage	ea.	79723
	50 µm	30 m	-100 to 300 °C	3.5" Coil	ea.	79723-273

**MXT-Q-BOND Columns** (Siltek-treated stainless-steel PLOT)

ID	df	Length	Temp. Limits	Column Config	qty.	cat.#
0.25 mm	8 µm	15 m	-60 to 300 °C	7" 11-pin cage	ea.	79718
	8 µm	15 m	-60 to 300 °C	3.5" Coil	ea.	79718-273
0.53 mm	20 µm	30 m	-60 to 280/300 °C	7" 11-pin cage	ea.	79716
	20 µm	30 m	-60 to 280/300 °C	3.5" Coil	ea.	79716-273

**MXT-S-BOND Columns** (Siltek-treated stainless-steel PLOT)

ID	df	Length	Temp. Limits	Column Config	qty.	cat.#
0.53 mm	20 µm	30 m	-60 to 250 °C	7" 11-pin cage	ea.	79712
	20 µm	30 m	-60 to 250 °C	3.5" Coil	ea.	79712-273

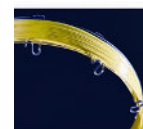
**PLOT Column Particle Trap**

Description	Includes	Size	qty.	cat.#
PLOT Column Particle Trap	Press-Tight connectors (2); 2.5 m, 0.25 mm ID column; high-temperature string	0.25 mm ID	ea.	19774
	Press-Tight connectors (2); 2.5 m, 0.32 mm ID column; high-temperature string	0.32 mm ID	ea.	19753
	Press-Tight connectors (2); 2.5 m, 0.53 mm ID column; high-temperature string	0.53 mm ID	ea.	19754

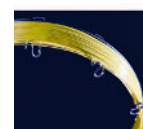
19754

**Rt-Alumina BOND/CFC Columns** (fused silica PLOT)

ID	df	Length	Temp. Limits	qty.	cat.#
0.53 mm	10 µm	30 m	-60 to 200 °C	ea.	19763

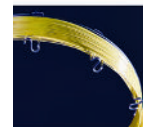
**Rt-Alumina BOND/KCI Columns** (fused silica PLOT) KCI deactivation

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	4 µm	30 m	-60 to 200 °C	ea.	19776
0.32 mm	5 µm	30 m	-60 to 200 °C	ea.	19761
	5 µm	50 m	-60 to 200 °C	ea.	19762
0.53 mm	10 µm	30 m	-60 to 200 °C	ea.	19759
	10 µm	50 m	-60 to 200 °C	ea.	19760

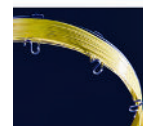


**Rt-Alumina BOND/MAPD Columns** (fused silica PLOT)

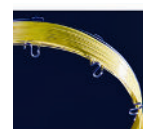
ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	4 µm	30 m	-60 to 250 °C	ea.	19781
	5 µm	30 m	-60 to 250 °C	ea.	19779
0.32 mm	5 µm	50 m	-60 to 250 °C	ea.	19780
	10 µm	30 m	-60 to 250 °C	ea.	19777
0.53 mm	10 µm	50 m	-60 to 250 °C	ea.	19778

**Rt-Alumina BOND/Na₂SO₄ Columns** (fused silica PLOT) Na₂SO₄ deactivation

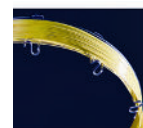
ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	4 µm	30 m	-60 to 200 °C	ea.	19775
	5 µm	30 m	-60 to 200 °C	ea.	19757
0.32 mm	5 µm	50 m	-60 to 200 °C	ea.	19758
	10 µm	30 m	-60 to 200 °C	ea.	19755
0.53 mm	10 µm	50 m	-60 to 200 °C	ea.	19756

**Rt-Msieve 5A Columns** (fused silica PLOT)

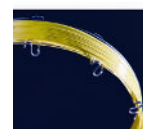
ID	df	Length	Temp. Limits	qty.	Similar to Part #	cat.#
0.25 mm	20 µm	15 m	-100 to 300 °C	ea.		19773
	30 µm	15 m	-100 to 300 °C	ea.	Agilent 19091P-MS7; Scion/Bruker/Varian CP7535	19720
0.32 mm	30 µm	30 m	-100 to 300 °C	ea.	Agilent 19091P-MS8; Scion/Bruker/Varian CP7536	19722
	50 µm	15 m	-100 to 300 °C	ea.	Agilent 19095P-MS9; Scion/Bruker/Varian CP7537	19721
0.53 mm	50 µm	30 m	-100 to 300 °C	ea.	Agilent 19095P-MS0; Scion/Bruker/Varian CP7538	19723

**Rt-Q-BOND Columns** (fused silica PLOT) 100% divinylbenzene

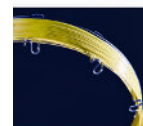
ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	8 µm	15 m	-60 to 280/300 °C	ea.	19764
	8 µm	30 m	-60 to 280/300 °C	ea.	19765
	10 µm	15 m	-60 to 280/300 °C	ea.	19743
0.32 mm	10 µm	30 m	-60 to 280/300 °C	ea.	19744
	20 µm	15 m	-60 to 280/300 °C	ea.	19741
0.53 mm	20 µm	30 m	-60 to 280/300 °C	ea.	19742

**Rt-QS-BOND Columns** (fused silica PLOT) porous divinylbenzene homopolymer

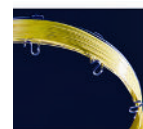
ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	8 µm	15 m	-60 to 250 °C	ea.	19767
	8 µm	30 m	-60 to 250 °C	ea.	19768
	10 µm	15 m	-60 to 250 °C	ea.	19739
0.32 mm	10 µm	30 m	-60 to 250 °C	ea.	19740
	20 µm	15 m	-60 to 250 °C	ea.	19737
0.53 mm	20 µm	30 m	-60 to 250 °C	ea.	19738

**Rt-S-BOND Columns** (fused silica PLOT) porous divinylbenzene homopolymer

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	8 µm	15 m	-60 to 250 °C	ea.	19769
	8 µm	30 m	-60 to 250 °C	ea.	19770
0.32 mm	10 µm	30 m	-60 to 250 °C	ea.	19748
	20 µm	15 m	-60 to 250 °C	ea.	19745
0.53 mm	20 µm	30 m	-60 to 250 °C	ea.	19746

**Rt-U-BOND Columns** (fused silica PLOT) divinylbenzene ethylene glycol/dimethylacrylate

ID	df	Length	Temp. Limits	qty.	cat.#
0.25 mm	8 µm	15 m	-60 to 190 °C	ea.	19771
	8 µm	30 m	-60 to 190 °C	ea.	19772
	10 µm	15 m	-60 to 190 °C	ea.	19751
0.32 mm	10 µm	30 m	-60 to 190 °C	ea.	19752
	20 µm	15 m	-60 to 190 °C	ea.	19749
0.53 mm	20 µm	30 m	-60 to 190 °C	ea.	19750



Notes:

Notes:

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