

HPLC Column Selection by Manufacturer *continued*

Phase	Manufacturer	Pore Size (Å)	Area (m ² /g)	% Carbon	Recommended Thermo Scientific Alternative	Page
Atlantis™ dC18	Waters	100	330	12	Acclaim Polar Advantage II	4-066
Atlantis T3	Waters	100	300	14	Hypersil GOLD	4-026
Atlantis HILIC Silica	Waters	100	300	–	Hypersil GOLD Silica	4-036
Atlantis dC18	Waters	100	330	12	Hypersil GOLD aQ	4-029
Capcell Core C18	Shiseido	90	150	7	Accucore C18	4-045
Capcell Pak C18 AQ	Shiseido	120	300	11	Acclaim Polar Advantage II	4-066
Cortecs C18	Waters	90	100	6.6	Accucore C18	4-045
Cortecs C18+	Waters	90	100	5.7	Accucore Polar Premium	4-048
Cortecs HILIC	Waters	90	100	–	Accucore HILIC	4-053
Discovery™ BIO Wide Pore C18	Supelco	300	–	–	BioBasic 18	4-140
Discovery BIO Wide Pore C8	Supelco	300	–	–	BioBasic 8	4-140
Discovery C18	Supelco	180	200	14	Hypersil GOLD	4-026
Discovery C8	Supelco	180	200	–	Hypersil GOLD C8	4-027
Discovery Cyano	Supelco	180	200	–	Hypersil GOLD CN	4-032
Gemini™ C18	Phenomenex	110	375	14	Hypersil GOLD	4-026
Halo C18	AMT	90	150	–	Accucore C18	4-045
Halo C8	AMT	90	150	–	Accucore C8	4-046
Halo HILIC	AMT	90	150	–	Accucore HILIC	4-053
Halo PFP	AMT	90	150	–	Accucore PFP	4-051
Halo Phenyl-Hexyl	AMT	90	150	–	Accucore Phenyl-Hexyl	4-049
Halo RP-Amide	AMT	90	150	–	Accucore Polar Premium	4-048
HALO Peptide ES-C18	AMT	160	80	–	Accucore 150-C18	4-144
Inertsil™ C4	GL Sciences	150	320	8	Hypersil GOLD C4	4-028
Inertsil C8	GL Sciences	150	320	11	Synchronis C8	4-076
Inertsil ODS3V	GL Sciences	100	450	15	Synchronis C18	4-075
Inertsil Phenyl	GL Sciences	150	320	10	Synchronis Phenyl	4-078
Inertsil Silica	GL Sciences	150	320	–	Synchronis Silica	4-080
J'Sphere M80	YMC	80	–	14	Acclaim Polar Advantage II	4-066
Jupiter™ C18	Phenomenex	300	170	13	BioBasic 18	4-140
Jupiter C4	Phenomenex	300	170	5	BioBasic C4	4-140
Kinetex C18	Phenomenex	100	–	12	Accucore C18	4-045
Kinetex C8	Phenomenex	100	–	10	Accucore C8	4-046
Kinetex HILIC	Phenomenex	100	–	–	Accucore HILIC	4-053
Kinetex PFP	Phenomenex	100	–	9	Accucore PFP	4-051
Kinetex Phenyl-Hexyl	Phenomenex	100	–	–	Accucore Phenyl-Hexyl	4-049
Kinetex XB-C18	Phenomenex	100	–	12	Accucore C18	4-045
Kromasil C18	Akzo-Nobel	100	340	19	Synchronis C18	4-075
Kromasil C4	Akzo-Nobel	100	340	8	Hypersil GOLD C4	4-028
Kromasil Silica	Akzo-Nobel	100	340	–	Synchronis Silica	4-080
LiChrospher™ CN	Merck	100	350	7	Hypersil GOLD CN	4-032
LiChrospher Diol	Merck	100	350	–	BETASIL Diol	Inquire
LiChrospher NH ₂	Merck	100	350	5	Synchronis Amino	4-079
LiChrospher RP 18	Merck	100	350	21	Synchronis C18	4-075
LiChrospher RP-18e	Merck	100	350	22	Synchronis C18	4-075
LiChrospher RP-8	Merck	100	350	13	Synchronis C8	4-076
LiChrospher RP-8e	Merck	100	350	13	Synchronis C8	4-076
Luna™ C18 (2)	Phenomenex	100	400	18	Synchronis C18	4-075
Luna C8 (2)	Phenomenex	100	400	14	Synchronis C8	4-076
Luna CN	Phenomenex	100	400	–	Hypersil GOLD CN	4-032
Luna HILIC	Phenomenex	200	200	5.7	BETASIL Diol	Inquire
Luna NH ₂	Phenomenex	100	400	10	Synchronis Amino	4-079
Luna PFP (2)	Phenomenex	100	400	5.7	Hypersil GOLD PFP	4-030

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Luna SCX	Phenomenex	100	400	–	BioBasic SCX	4-141
Luna Silica (2)	Phenomenex	100	400	–	Synchronis Silica	4-080
μBondapak™ C18	Waters	125	330	10	Hypersil GOLD	4-026
μBondapak CN	Waters	125	330	–	Hypersil GOLD CN	4-032
μBondapak NH ₂	Waters	125	330	4	Hypersil APS-2	4-108
μBondapak Phenyl	Waters	125	330	–	Hypersil GOLD Phenyl	4-031
Nova-Pak™ (HR) C18	Waters	60	120	7	Hypersil GOLD	4-026
Nova-Pak C8	Waters	60	120	–	Hypersil GOLD C8	4-027
Nova-Pak CN	Waters	60	120	–	Hypersil GOLD CN	4-032
Nova-Pak Phenyl	Waters	60	120	5	Hypersil GOLD Phenyl	4-031
Nova-Pak Silica	Waters	60	120	–	Hypersil GOLD Silica	4-036
NUCLEODUR™ C18 EC	Macherey-Nagel	110	340	18	Synchronis C18	4-075
NUCLEODUR C18 Gravity	Macherey-Nagel	110	340	18	Synchronis C18	4-075
NUCLEODUR CN	Macherey-Nagel	110	340	7	Hypersil GOLD CN	4-032
NUCLEODUR Pyramid	Macherey-Nagel	110	340	14	Synchronis aQ	4-077
Nucleoshell™ RP 18	Macherey-Nagel	90	130	7.5	Accucore C18	4-045
Nucleoshell Phenyl-Hexyl	Macherey-Nagel	90	130	4.5	Accucore Phenyl-Hexyl	4-049
Nucleoshell PFP	Macherey-Nagel	90	130	3	Accucore PFP	4-051
Nucleosil™ 100 C18	Macherey-Nagel	100	350	17	Synchronis C18	4-075
Nucleosil 100 C18 AB	Macherey-Nagel	100	350	24	Synchronis C18	4-075
Nucleosil 100 C ₆ H ₅	Macherey-Nagel	100	350	–	Synchronis Phenyl	4-078
Nucleosil 100 C8	Macherey-Nagel	100	350	9	Synchronis C8	4-076
Nucleosil 100 CN	Macherey-Nagel	100	350	–	Hypersil GOLD CN	4-032
Nucleosil 100 N(CH ₃) ₂	Macherey-Nagel	100	350	–	Hypersil SAX	4-109
Nucleosil 100 NH ₂	Macherey-Nagel	100	350	4	Synchronis Amino	4-079
Nucleosil 100 OH	Macherey-Nagel	100	350	–	BETASIL Diol	Inquire
Nucleosil 100 SA	Macherey-Nagel	100	350	7	BioBasic SCX	4-141
Nucleosil 100 SB	Macherey-Nagel	100	350	10	Hypersil GOLD SAX	4-035
Nucleosil 300 C18	Macherey-Nagel	300	100	7	BioBasic 18	4-140
Nucleosil 300 C4	Macherey-Nagel	300	100	–	BioBasic 4	4-140
Nucleosil 300 C ₆ H ₅	Macherey-Nagel	300	100	–	BioBasic Phenyl	Inquire
Nucleosil 300 C8	Macherey-Nagel	300	100	–	BioBasic 8	4-140
Nucleosil 300 CN	Macherey-Nagel	300	100	–	BioBasic CN	Inquire
Pinnacle™ C1	Restek	120	170	2	Hypersil SAS	4-107
Pinnacle C18	Restek	120	170	10	Hypersil GOLD	4-026
Pinnacle C4	Restek	120	170	4	Hypersil GOLD C4	4-028
Pinnacle CN	Restek	120	170	5	Hypersil GOLD CN	4-032
Pinnacle DB C18	Restek	140	–	11	Hypersil GOLD	4-026
Pinnacle DB C18 1.9μm	Restek	140	–	11	Hypersil GOLD (1.9μm)	4-026
Pinnacle DB C8	Restek	140	–	6	Hypersil GOLD C8	4-027
Pinnacle DB Cyano	Restek	140	–	4	Hypersil GOLD CN	4-032
Pinnacle DB Phenyl	Restek	140	–	5	Hypersil GOLD Phenyl	4-031
Pinnacle IBD	Restek	120	170	–	Hypersil GOLD	4-026
Pinnacle NH ₂	Restek	120	170	2	Hypersil GOLD Amino	4-033
Pinnacle Phenyl	Restek	120	170	5	Hypersil GOLD Phenyl	4-031
Pinnacle SAX	Restek	120	170	3	Hypersil GOLD SAX	4-035
Pinnacle Silica	Restek	120	170	–	Hypersil GOLD Silica	4-036
Pinnacle Ultra C18	Restek	100	–	20	Synchronis C18	4-075
Pinnacle Wide Pore C4	Restek	300	–	2	BioBasic 4	4-140
Poroshell™ 120 EC-C18	Agilent	120	120	8	Accucore C18	4-045
Poroshell 120 EC-C8	Agilent	120	120	5	Accucore C8	4-046
Poroshell 120 SB-C18	Agilent	120	120	7.5	Accucore C18	4-045
Poroshell 120 SB-Aq	Agilent	120	130	–	Accucore aQ	4-047

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Poroshell 120 Phenyl-Hexyl	Agilent	120	130	9	Accucore Phenyl-Hexyl	4-049
Poroshell 120 Bonus-RP	Agilent	120	130	9.5	Accucore Polar Premium	4-048
Poroshell SB-C18	Agilent	300	45	2.8	Accucore 150-C18	4-144
Poroshell Extend-C18	Agilent	300	45	4	Accucore 150-C18	4-144
Poroshell 300 SB-C8	Agilent	300	45	1.5	Accucore 150-C4	4-145
Poroshell 300 SB-C3	Agilent	300	45	1.1	Accucore 150-C4	4-145
Primesep™	SieLC	–	–	–	Acclaim Mixed-Mode Columns	4-068
Prodigy™ C8	Phenomenex	150	310	13	Synchronis C8	4-076
Prodigy ODS2	Phenomenex	150	310	18	Synchronis C18	4-075
Prodigy ODS-3	Phenomenex	100	450	16	Synchronis C18	4-075
Prodigy ODS-3V	Phenomenex	100	450	16	Hypersil GOLD	4-026
Prodigy Phenyl-3	Phenomenex	100	450	10	Synchronis Phenyl	4-078
Purospher™ RP-18	Merck	60	500	–	Hypersil GOLD	4-026
Purospher STAR-8e	Merck	120	300	–	Hypersil GOLD C8	4-027
Purospher STAR RP-18e	Merck	120	300	–	Hypersil GOLD	4-026
Waters™ Spherisorb™ C1	Waters	80	200	2	Hypersil SAS	4-107
Waters Spherisorb C6	Waters	80	200	5	BETASIL C6	Inquire
Waters Spherisorb C8	Waters	80	200	6	Hypersil GOLD C8	4-027
Waters Spherisorb CN	Waters	80	200	3	Hypersil GOLD CN	4-032
Waters Spherisorb NH ₂	Waters	80	200	2	Hypersil APS-2	4-108
Waters Spherisorb ODS1	Waters	80	200	6	Hypersil GOLD	4-026
Waters Spherisorb ODS2	Waters	80	200	12	Hypersil GOLD	4-026
Waters Spherisorb ODSB	Waters	80	200	12	Hypersil GOLD	4-026
Waters Spherisorb Phenyl	Waters	80	200	3	Hypersil GOLD Phenyl	4-031
Waters Spherisorb SAX	Waters	80	200	–	Hypersil SAX	4-109
Waters Spherisorb SCX	Waters	80	200	–	BioBasic SCX	4-141
Waters Spherisorb W (silica)	Waters	80	200	–	Hypersil GOLD Silica	4-036
SunFire™ C18	Waters	90	340	16	Synchronis C18	4-075
SunFire C8	Waters	90	340	16	Synchronis C8	4-076
SunShell™ C18	ChromaNik	90	150	7	Accucore C18	4-045
SunShell C8	ChromaNik	90	150	4.5	Accucore C8	4-046
SunShell PFP	ChromaNik	90	150	4.5	Accucore PFP	4-051
Supelcosil™ LC-1	Supelco	120	170	–	Hypersil SAS	4-107
Supelcosil LC-18	Supelco	120	170	11	Hypersil GOLD	4-026
Supelcosil LC-18DB	Supelco	120	170	11	Hypersil GOLD	4-026
Supelcosil LC-8	Supelco	120	170	–	Hypersil GOLD C8	4-027
Supelcosil LC-CN	Supelco	120	170	–	Hypersil GOLD CN	4-032
Supelcosil LC-NH ₂	Supelco	120	170	–	Hypersil GOLD Amino	4-033
Supelcosil LC-Si	Supelco	120	170	–	Hypersil GOLD Silica	4-036
Symmetry™ C18	Waters	100	335	19	Synchronis C18	4-075
Symmetry C8	Waters	100	335	12	Synchronis C8	4-076
Synergi™ Hydro-RP	Phenomenex	80	475	19	Synchronis aQ	4-077
TSKgel™ G2000SW (incl XL)	Tosoh	125	–	–	BioBasic SEC 120	4-139
TSKgel Octyl-80TS	Tosoh	80	200	11	Hypersil GOLD C8	4-027
TSKgel ODS-120A	Tosoh	120	200	22	Hypersil GOLD	4-026
TSKgel ODS-120T	Tosoh	120	200	22	Synchronis C18	4-075
TSKgel ODS-80TM	Tosoh	80	200	15	Hypersil GOLD	4-026
TSKgel Super Octyl	Tosoh	110	–	5	Hypersil GOLD C8	4-027
TSKgel Super ODS	Tosoh	110	–	8	Hypersil GOLD	4-026
TSKgel Super Phenyl	Tosoh	110	–	3	Hypersil GOLD Phenyl	4-031
TSKgel SuperSW3000	Tosoh	250	–	–	BioBasic SEC 300	4-139

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Vydac™ 201SP C18	Grace	90	–	–	Hypersil GOLD	4-026
Vydac 201SP Selectapore 90M C18	Grace	90	250	–	Hypersil GOLD	4-026
Vydac 201TP C18	Grace	300	–	–	BioBasic 18	4-140
Vydac 202TP C18	Grace	300	–	–	BioBasic 18	4-140
Vydac 208TP C8	Grace	300	–	–	BioBasic 8	4-140
Vydac 214TP	Grace	300	–	–	BioBasic 4	4-140
Vydac 218TP	Grace	300	–	–	BioBasic 18	4-140
Vydac 218WP Selectapore 300M C18	Grace	300	70	–	BioBasic 18	4-140
XBridge™ C18	Waters	–	–	–	Hypersil GOLD	4-026
XBridge C8	Waters	–	–	–	Hypersil GOLD C8	4-027
XBridge HILIC	Waters	130	185	–	Hypersil GOLD Silica	4-036
XBridge Phenyl	Waters	–	–	–	Hypersil GOLD Phenyl	4-031
XTerra™ MS C18	Waters	125	180	16	Hypersil GOLD	4-026
XTerra MS C8	Waters	125	180	12	Hypersil GOLD C8	4-027
YMCbasic™	YMC	–	–	–	Hypersil GOLD C8	4-027
YMC-Pack™ C4	YMC	120	300	7	HyPURITY C4	4-109
YMC-Pack C8	YMC	120	300	10	Acclaim C8	4-062
YMC-Pack CN	YMC	120	300	7	Hypersil GOLD CN	4-032
YMC-Pack Diol	YMC	120	300	–	BETASIL Diol	Inquire
YMC-Pack NH ₂	YMC	120	–	–	Hypersil GOLD Amino	4-033
YMC-Pack ODS AQ	YMC	120	300	16	Synchronis aQ	4-077
YMC-Pack ODS-A	YMC	120	300	17	Synchronis C18	4-075
YMC-Pack ODS-A	YMC	300	150	6	BioBasic 18	4-140
YMC-Pack Phenyl	YMC	120	300	9	Synchronis Phenyl	4-078
YMC-Pack Pro C18	YMC	120	350	16	Synchronis C18	4-075
YMC-Pack Silica	YMC	120	–	–	Synchronis Silica	4-080
YMC-Pack TMS (C1)	YMC	120	300	4	BETASIL C1	Inquire
Zorbax™ Eclipse XDB C18	Agilent	80	180	10	Hypersil GOLD	4-026
Zorbax Eclipse XDB C8	Agilent	80	180	8	Hypersil GOLD C8	4-027
Zorbax Eclipse XDB Phenyl	Agilent	80	180	8	Hypersil GOLD Phenyl	4-031
Zorbax Eclipse Plus C18	Agilent	95	160	8	Hypersil GOLD	4-026
Zorbax Eclipse Plus C8	Agilent	95	160	6	Hypersil GOLD C8	4-027
Zorbax RRHT Eclipse Plus C18	Agilent	95	160	8	Hypersil GOLD (1.9µm)	4-026
Zorbax RRHT Eclipse Plus C8	Agilent	95	160	6	Hypersil GOLD C8 (1.9µm)	4-027
Zorbax RRHT Eclipse XDB-C18	Agilent	80	180	10	Hypersil GOLD (1.9µm)	4-026
Zorbax RRHT Eclipse XDB-C8	Agilent	80	180	7.5	Hypersil GOLD C8 (1.9µm)	4-027
Zorbax RRHT SB-CN	Agilent	80	180	4	Hypersil GOLD CN (1.9µm)	4-032
Zorbax SB Aq	Agilent	80	180	–	Hypersil GOLD aQ	4-029
Zorbax SB C18	Agilent	80	180	10	Hypersil GOLD	4-026
Zorbax SB C18	Agilent	300	45	3	BioBasic 18	4-140
Zorbax SB C8	Agilent	80	180	6	Hypersil GOLD C8	4-027
Zorbax SB C8	Agilent	300	45	2	BioBasic 8	4-140
Zorbax SB CN	Agilent	80	180	4	Hypersil GOLD CN	4-032
Zorbax SB Phenyl	Agilent	80	180	6	Hypersil GOLD Phenyl	4-031