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Agilent Technologies

Variety is a Natural Phenomenon

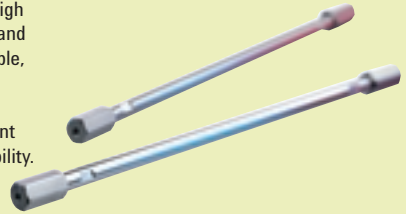
The Wide Spectrum of Solutions with Agilent Technologies HPLC Columns

Agilent Technologies

Agilent Technologies

Why Agilent Technologies HPLC Columns?

As a leading supplier of columns and accessories to the discerning chromatographer, Agilent Technologies offers a uniquely wide range of high quality HPLC columns. All the most important and most widely-used stationary phases are available, in a wide variety of dimensions and fittings.
This booklet helps you to find the column your application needs. You can be assured of Agilent Technologies customary high quality and reliability.



Choose from:

Asahipak
Hypersil **Inertsil**
Lichrospher **Nucleosil**
PLgel
Purospher **Superspher**
TSK
Vydac

What makes a better column?

Agilent Technologies HPLC columns provide the three basic elements that make a better column:

- optimized packing process
- high quality packing materials
- convenient column hardware

Better packing process

- Fully-developed, optimized packing processes
- Automated packing processes for reproducibility
- Careful monitoring of batch quality

Better packing material

- Careful selection from high-quality suppliers
- Rigorous quality assurance
- Purchase of large batches for reproducibility

Better column hardware

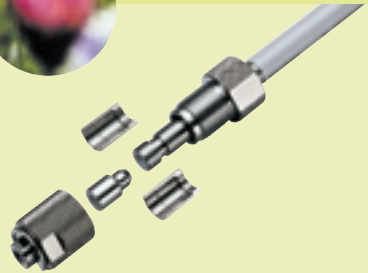
- Choice of fittings – compression fitting or cartridge
- choice of dimensions from 0.3 mm id to 4.6 mm id
- Easily to install guard cartridges

We work from the benefit of experience.

In addition, Agilent offers selected columns from Polymer Laboratories, Vydac and TSK.

Agilent Technologies

Why invest in better columns?



In analytical method development, the key savings are in time and money. The lifetime of the HPLC column has a significant influence on both factors: the longer the life of the column, the lower the cost per analysis. Agilent Technologies HPLC columns are engineered to minimize the cost per analysis. You can relay on unsurpassed performance, day after day, analysis after analysis.
And when the time eventually comes to replace the column, the batch-to batch reproducibility ensured that there will be no surprises.

Agilent Technologies

Asahipak Reversed-Phase HPLC Cartridge Columns

Asahipak ODP-50 is a microparticulate, macroporous polyvinylalcohol based polymeric packing. Designed for analysis of basic substances, Asahipak ODP-50 columns provide high separation efficiency with buffered and alkaline solutions at high pH. These polymeric columns can be used up to pH 13 with a variety of solvents with minimal mechanical swelling or shrinkage. Asahipak ODP-50 is offered in Agilent's convenient cartridge column configuration.

- **high separation efficiency at high pH (up to pH 13)**
- **mechanically robust**
- **basic compounds**

Ordering Information Asahipak ODP-50:

Description	Size (mm)	Particle Size (µm)	Part Number	
Stationary Phase ODP-50	2.0 x 125	5.0	7992318-562	●
Stationary Phase ODP-50	4.0 x 125	5.0	79923OP-564	●
Stationary Phase ODP-50	4.0 x 250	5.0	79923OP-584	●
Cartridge Hardware			5021-1845	

● Standard Fitting ● Agilent Cartridge

Bonded phase	ODP-50
Particle size (µm)	5
Pore size (Å)	80
Pore volume (cc/g)	0.7
Surface area (m^2/g)	100
% carbon	17

Hypersil

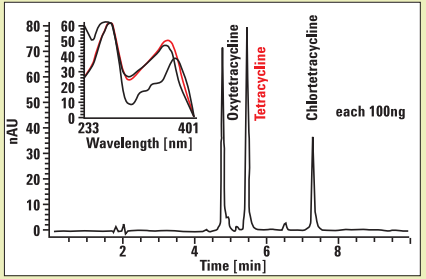
Hypersil ODS

- C18, fully end-capped to minimize interaction with residual silanol groups
- Suitable for the analysis of non-polar to mode rately polar solutes, and lipophilic compounds
- Also available in capillary format, with ids of 0.3 mm and 0.5 mm

Hypersil BDS, C18, C8

- Base deactivated to remove active silanols, resulting in redudced peak tailing for basic compounds

Tetracyclines



Column: *Hypersil BDS-C18, 3µm, 100 x 4 mm*
Mobile Phase: *H_2O (pH 2.1)/CH_3CN 15% – 60% grad*
Detection: *UV 355/20nm*
Flow rate: *0.5 ml/min*
Temperature: *25°C*

- Reduces the need for mobile phase additives
- Suitable for the analysis of basic drugs, anti-biotics and explosives

Hypersil MOS

- Provides a monolayer of dimethyl octyl silane (C8) , and is end-capped
- Selectivity similar to ODS, but less retentive
- Suitable for the analysis of basic drugs, fatty acids and porphyrins

Bonded phase	Silica	ODS (C18)	BDS	MOS (C8)	APS
Particle size (µm)	5	3 & 5	3 & 5	5	5
Pore size (Å)	120	120	130	120	120
Pore volume (cc/g)	0.65	0.65	0.65	0.65	0.65
Surface area (m^2/g)	170	170	170	170	170
% carbon	1.8	10	11	6.5	1.9

Hypersil is a registered trademark of Hypersil Ltd.

Hypersil

Ordering Information Hypersil:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Hypersil BDS-C18	2.0 x 125	3.0	79926BD-362	●
Hypersil ODS	2.0 x 125	3.0	7992618-362	●
Hypersil BDS-C18	2.0 x 125	5.0	79926BD-562	●
Hypersil BDS-C8	2.0 x 125	5.0	79926B8-562	●
Hypersil ODS	2.0 x 125	5.0	7992618-562	●
Hypersil BDS-C18	3.0 x 125	3.0	79926BD-363	●
Hypersil ODS	3.0 x 125	3.0	7992618-363	●
Hypersil BDS-C18	2.0 x 250	5.0	79926BD-582	●
Hypersil BDS-C18	4.0 x 100	3.0	79926OB-354	●
Hypersil BDS-w/CIM	4.0 x 100	3.0	79826BD-354	●
Hypersil ODS	4.0 x 100	3.0	79926OD-354	●
Hypersil BDS-C18	4.0 x 125	5.0	79926OB-564	●
Hypersil BDS-C8	4.0 x 125	5.0	79926B8-564	●
Hypersil ODS	4.0 x 125	5.0	79926OD-564	●
Hypersil ODS-w/CIM	4.0 x 125	5.0	7982618-564	●

● Standard Fitting ● Agilent Cartridge

Ordering Information Hypersil:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Hypersil BDS-C18	4.0 x 250	3.0	79926OB-584	●
Hypersil BDS-C8	4.0 x 250	3.0	79926B8-584	●
Hypersil BDS-C18	4.6 x 250	5.0	79926BD-585	●
Hypersil ODS	4.6 x 250	5.0	7992618-585	●
Hypersil ODS	2.0 x 250	5.0	7992618-582	●
Hypersil ODS	2.1 x 100	3.0	79916OD-352	●
Hypersil ODS w/CIM	2.1 x 100	3.0	7981618-552	●
Hypersil ODS	2.1 x 100	5.0	79916OD-552	●
Hypersil MOS	2.1 x 100	5.0	79916MO-552	●
Hypersil ODS	2.1 x 200	5.0	79916OD-572	●
Hypersil MOS	2.1 x 200	5.0	79916MO-572	●
Hypersil ODS	4.0 x 60	3.0	79916OD-344	●
Hypersil BDS-C18	4.0 x 75	3.0	79926BD-344	●
Hypersil BDS-C8	4.0 x 75	3.0	79926B8-344	●
Hypersil BDS w/CIM	4.0 x 250	3.0	79826BD-584	●

● Standard Fitting ● Agilent Cartridge

Hypersil

Ordering Information Hypersil:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Hypersil ODS	4.0 x 250	5.0	79926OD-584	●
Hypersil ODS w/CIM	4.0 x 250	5.0	7982618-584	●
Hypersil ODS	4.6 x 60	3.0	79916OD-344	●
Hypersil BDS-C18	4.6 x 100	3.0	79916BD-354	●
Hypersil ODS w/CIM	4.6 x 100	5.0	7981618-554	●
Hypersil ODS	4.6 x 100	5.0	79916OD-554	●
Hypersil BDS-C18	4.6 x 150	5.0	79926BD-595	●
Hypersil ODS	4.6 x 150	5.0	7992618-595	●
Hypersil ODS	4.6 x 200	5.0	79916OD-574	●
Hypersil MOS	4.6 x 200	5.0	79916MO-574	●
Hypersil BDS-C18	4.6 x 250	5.0	79916BD-584	●
Hypersil ODS	4.6 x 250	5.0	7991618-584	●

● Standard Fitting ● Agilent Cartridge

Ordering Information Hypersil Reversed-Phase Guard Cartridges:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	Cartridge Hardware	
ODS	2.1 x 20	5.0	79916KT-110 (1)	79900CH-010	●
MOS	2.1 x 20	5.0	79916KT-111 (1)	79900CH-010	●
ODS	4.0 x 4	5.0	7992618-504 (2)	5021-1845	●
BDS	4.0 x 4	5.0	79926BD-504 (2)	5021-1845	●
ODS	4.0 x 20	5.0	79916KT-120 (1)	79900CH-010	●
MOS	4.0 x 20	5.0	79916KT-121 (1)	79900CH-010	●

(1) 3/pk • (2) 10/pk

● Standard Fitting ● Agilent Cartridge

Hypersil

Ordering Information Hypersil Capillary LC columns

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number
ODS	0.3 x 150	3.0	5064-8277
ODS	0.3 x 150	5.0	5064-8290
ODS	0.3 x 250	5.0	5064-8276
ODS	0.5 x 35	3.0	5064-8299
ODS	0.5 x 150	3.0	5064-8275
ODS	0.5 x 150	5.0	5064-8289
ODS	0.5 x 250	5.0	5064-8278
ODS-guard	0.3 x 35	5.0	5064-8279
ODS-guard	0.3 x 35	5.0	5064-8282

● Standard Fitting ● Agilent Cartridge

For more information about Microbore and Capillary Columns, please refer to our flyer "Experience the Advantages of Capillary LC" Pub. No. 5980-0261E.

Ordering Information Hypersil Silica Normal-Phase:

	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
	Hypersil APS	2.1 x 100	5.0	79916AP-552	●
	Hypersil	2.1 x 100	5.0	79916SI-552	●
	Hypersil	2.1 x 200	5.0	79916SI-572	●
	Hypersil APS	4.6 x 100	5.0	79916AP-554	●
	Hypersil	4.6 x 100	5.0	79916SI-554	●
	Hypersil APS	4.6 x 200	5.0	79916AP-574	●
	Hypersil	4.6 x 200	5.0	79916SI-574	●
	Hypersil APS	2.1 x 20	5.0	79916KT-112 *	●
	Hypersil	2.1 x 20	5.0	79916KT-113 *	●
	Hypersil APS	4.0 x 20	5.0	79916KT-122 *	●
	Hypersil	4.0 x 20	5.0	79916KT-123 *	●
Guard Hardware Kit				79900CH-010	

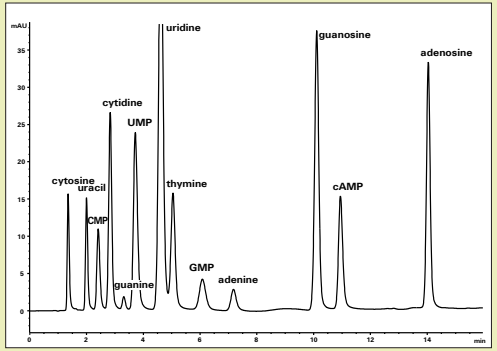
* 3/pk

● Standard Fitting ● Agilent Cartridge

Inertsil ODS-2

Starting from the purest reagents, the silica is manufactured, bonded with C-18 and endcapped. Inertsil ODS-2 meets rigid quality control tests and is well suited for a wide range of applications, including basic drugs, amines and other challenging samples.

- **end-capped**
- **metal-free silica**
- **basic drugs and amines**



Sample: Nucleosides, Nucleotides
*Column: Inertsil 125*2mm, 5µm*
mob.ph: H2O 1mM KH2PO4/CH3CN grad, 0.5 - 9% 20 min
Detect: DAD 270nm

Inertsil ODS-2

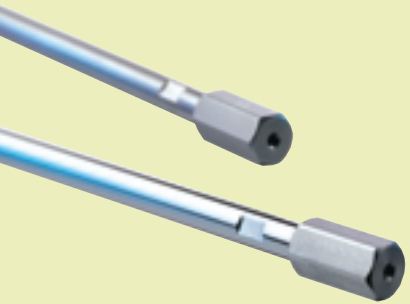
Bonded phase	ODS-2
Particle size (µm)	5
Pore size (Å)	150

Ordering Information Inertsil ODS-2:

Description	Size (mm)	Part Number	
Inertsil ODS-2	4 x 125	7993318-564	●
Inertsil ODS-2	4 x 250	7993318-584	●
Inertsil ODS-2	2 x 125	7993318-562	●
Inertsil ODS-2	2 x 250	7993318-582	●
Cartridge Holder		5021-1845	

● Standard Fitting ● Agilent Cartridge

Lichrospher/Lichrosorb



Lichrospher RP-18, RP-8

- Rugged spherical silica carrier with pore size of 100 Å
- Well-suited to the separation of acidic, neutral and basic compounds such as pharmaceuticals and aromatics
- RP-8 less retentive than RP-18

Lichrospher Select B, CN

- Select B is a spherical carrier built on porous silica with a 6 nm pore size
- Designed to give symmetrical peaks with basic compounds
- Lichrospher CN is used as a weakly hydrophobic sorbent in reversed-phase chromatography, or as a polar sorbent in normal phase chromatography

Lichrosorb RP-18, RP-8

- Irregular silica particles produced by grinding from coarse silica and graded to narrow bands of 5 mm and 10 mm
- Literature contains several thousand documented applications covering neutral and weakly-acidic compounds

Lichospher: Lichrosorb:

Bonded phase	RP-18	RP-18e	RP-8	Select B	CN	RP-18	RP-8
Particle size (µm)	5	5	5	5	5	5,10	5,10
Pore size (Å)	100	100	100	60	100	100	100
Pore volume (cc/g)	1.25	1.25	1.25	0.9	1.25	1	1
Surface area (m^2/g)	350	350	350	360	350	300	300
% carbon	21	21.6	12.5	11.5	6.6	16.2	9.5

Lichrospher/Lichrosorb

Ordering Information Lichrospher:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
RP-C18	3.0 x 125	5.0	7992518-563	●
RP-C18	3.0 x 250	5.0	7992518-583	●
RP-C18	4.0 x 125	5.0	79925OD-564-3*	●
RP-C18	4.0 x 250	5.0	79925OD-584	●
RP-C18	4.0 x 250	5.0	79925OD-58K*	●
RP-C18 Guard	4.0 x 4.0	5.0	79925OD-504 (1)	●
RP-18 Endcapped	4.0 x 125	5.0	79925ODE-564*	●
RP-18 Endcapped	4.0 x 250	5.0	79925ODE-584	●
RP-18 Endcapped	4.0 x 250	5.0	79925ODE-58K*	●
RP-8	4.0 x 125	5.0	79925MO-564-3*	●
RP-8	4.0 x 250	5.0	79925MO-584	●
RP-8	4.0 x 250	5.0	79925MO-58K*	●
RP-8 Guard	4.0 x 4.0	5.0	79925MO-504 (1)	●
RP-Select B	3.0 x 125	5.0	79925SB-563	●
RP-Select B	3.0 x 250	5.0	79925SB-583	●
RP-Select B	4.0 x 125	5.0	79925SB-564	●

* 3/pk • (1) 10/pk

Ordering Information Lichrospher:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
RP-Select B	4.0 x 125	5.0	79925SB-56K*	●
RP-Select B	4.0 x 250	5.0	79925SB-584	●
RP-Select B	4.0 x 250	5.0	79925SB-58K*	●
RP-Select B Guard	4.0 x 4.0	5.0	79925SB-504 (1)	●
CN	4.0 x 125	5.0	79925CN-564	●
CN	4.0 x 250	5.0	79925CN-584	●
CN-Guard	4.0 x 4.0	5.0	79925CN-504 (1)	●

Ordering Information Lichrosorb:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
RP-18	4.6 x 200	5.0	79915OD-574	●
RP-18	4.6 x 200	10.0	79915OD-174	●
RP-8	4.6 x 200	5.0	79915MO-574	●
RP-8	4.6 x 200	10.0	79915MO-174	●

* 3/pk • (1) 10/pk

● Standard Fitting ● Agilent Cartridge

Agilent's 1100 HPLC system – The Industry Standard

Agilent Technologies

Nucleosil-100

Nucleosil-100

- Spherical, porous "sil"-type silica
- Columns packed at Agilent using tight ISO-regulated production control procedures for consistent quality
- Suitable for non-polar to moderately polar compounds such as fatty acids, glycerides, fat-soluble vitamins and antibiotics

Bonded phase	Nucleosil
Particle size (µm)	5
Pore size (Å)	100
% carbon	15

Ordering Information Nucleosil:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
100-5 C18	4.0 x 125	5.0	7992718-564	●
100-5 C18	4.0 x 250	5.0	7992718-584	●
Guard Cartridge, 10/pk	4.0 x 4.0	5.0	7992718-504	●
Cartridge Holder			5021-1845	

● Standard Fitting ● Agilent Cartridge

PLgel and PL aquagel-OH

table 1

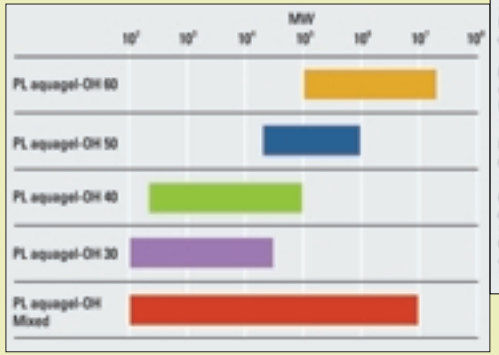
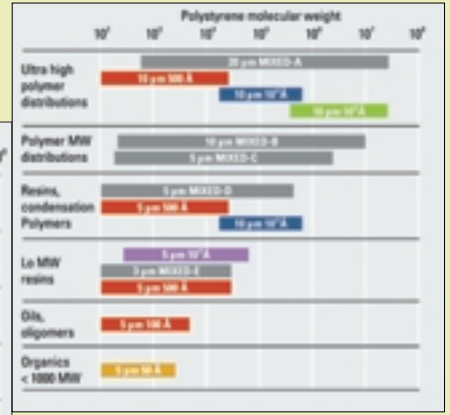


table 2



- PLgel based on a highly cross-linked polystyrene/ divinyl benzene matrix
- Different particle and pore sizes to cover a wide range of molecular weight distributions (table 2)
- Ideal for the quality control of PVC, polystyrenes and polycarbonates, and monitoring the quality of resins in paints

- PL aquagel-OH has a polyhydroxyl surface which is extremely hydrophilic
- Suitable for aqueous SEC analysis of water-soluble polymers over a wide range of molecular weights, including poly-acrylamides and polyethylene oxides (table 1).

Ordering Information PLgel Mixed Bed:

Size (mm)	Particle Size (µm)	Mid-weight Range	Part Number	
7.5 x 300	3.0	Up to 30K	79911GP-MXE	●
7.5 x 300	5.0	200-400K	79911GP-MXD	●
7.5 x 300	5.0	200-3M	79911GP-MXC	●
7.5 x 300	10.0	500-10M	79911GP-MXB	●
7.5 x 300	20.0	1,000-40M	79911GP-MXA	●

● Standard Fitting ● Agilent Cartridge

For more information, please refer to the brochure "The Fast Track to GPC-SEC" Pub. No. 5968-9259E.

PLgel and PL aquagel-OH

Ordering Information PLgel Individual Pore Size Columns:

Size (mm)	Particle Size (µm)	Pore Size	Mid-weight Range	Part Number	
7.5 x 300	5.0	50	<1000	79911GP-500	●
7.5 x 300	5.0	100	<4000	79911GP-501	●
7.5 x 300	5.0	500	500-20K	79911GP-502	●
7.5 x 300	5.0	1,000	1K-40K	79911GP-503	●
7.5 x 300	5.0	10,000	4K-400K	79911GP-504	●
7.5 x 300	5.0	100,000	40K-4M	79911GP-505	●
7.5 x 300	10.0	50	<1000	79911GP-100	●
7.5 x 300	10.0	100	<4000	79911GP-101	●
7.5 x 300	10.0	500	500-20K	79911GP-102	●
7.5 x 300	10.0	1,000	1K-40K	79911GP-103	●
7.5 x 300	10.0	10,000	4K-400K	79911GP-104	●
7.5 x 300	10.0	100,000	40K-4M	79911GP-105	●
7.5 x 300	10.0	1,000,000	400K-40M	79911GP-106	●

● Standard Fitting ● Agilent Cartridge

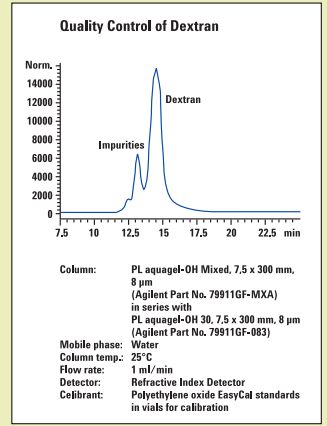
Ordering Information PLgel Guard Columns:

Size (mm)	Particle Size (µm)	Part Number	
7.5 x 50	5.0	79911GP-510	●
7.5 x 50	10.0	79911GP-110	●

Ordering Information PLgel aquagel-OH:

Size (mm)	Particle Size (µm)	Pore Size	Mid-weight Range	Part Number	
7.5 x 300	8.0	30	100-30K	79911GF-083	●
7.5 x 300	8.0	40	10K-200K	79911GF-084	●
7.5 x 300	8.0	50	50K-1M	79911GF-085	●
7.5 x 300	8.0	60	200K-10M	79911GF-086	●
7.5 x 300	8.0	Mixed	100-10M	79911GF-MXA	●
Ordering Information PL aquagel Guard Column					
7.5 x 50	8.0			79911GF-080	●

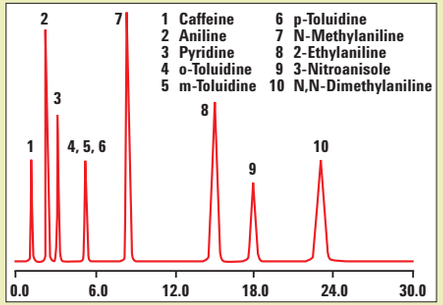
● Standard Fitting ● Agilent Cartridge



Purospher

- Consists of an ultrapure sherical silica support deactivated by an efficient bonding process
- Multi-step bonding provide high surface coverage, blocking residual silanol groups and reduced peak tailing
- Suitable for basic and metal-sensitive compounds
- Purospher RP-18 end-capped can be used for the elution of strongly acidic and chelating compounds.

For more information, please refer to the Purospher application CD-ROM Pub. No. 5980-0546E.



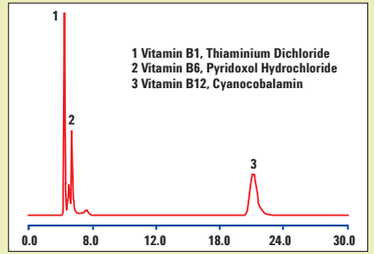
Bonded phase	Purospher
Particle size (µm)	5
Pore size (Å)	80
Pore volume (cc/g)	0.95
Surface area (m^2/g)	500

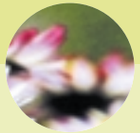
Ordering Information Purospher Cartridge Columns:

Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
C-18	4.0 x 125	5.0	79925PU-564	●
C-18	4.0 x 250	5.0	79925PU-584	●
C-18 Guard	4.0 x 4.0	5.0	79925PU-504*	●
RP18 Endcapped	4.0 x 125	5.0	79925PE-564	●
RP18 Endcapped	4.0 x 250	5.0	79925PE-584	●
RP18 Endcapped Guard	4.0 x 4.0	5.0	79925PE-504*	●
Cartridge Hardware			5021-1845	●

● Standard Fitting ● Agilent Cartridge

* 10/pk





Superspher

Superspher 60 RP-Select B, 100 RP-18, RP-18 end-capped

- Superspher is a high-performance 4-µm silica support
- From theoretical calculations and practical experience, Superspher offers the best pressure/performance ratio, with a guaranteed number of theoretical plates of 100.000 N/m
- Ideal for complex mixtures demanding high peak capacity

Bonded phase	Superspher Select B	Superspher 100-RP	Superspher RP-18e
Particle size (µm)	4	4	4
Pore size (Å)	60	100	100
Pore volume (cc/g)	0.9	1.25	1.25
Surface area (m^2/g)	360	350	350
% carbon	11.5	21	21,6

Ordering Information Superspher Reversed-Phase Columns:

Stationary Phase Description	Size (mm)	Particle Size (µm)	Part Number	
60 RP-Select B	2.0 x 125	4.0	79925SB-462	●
60 RP-Select B	2.0 x 250	4.0	79925SB-482	●
60 RP-Select B	4.0 x 125	4.0	79925SB-464	●
60 RP-Select B	4.0 x 250	4.0	79925SB-484	●
100-RP-18	2.0 x 125	4.0	7992518-462	●
100-RP-18	2.0 x 250	4.0	7992518-482	●
100-RP-18	4.0 x 125	4.0	79925OD-464	●
100-RP-18	4.0 x 250	4.0	7992518-484	●
RP-18 Endcapped	2.0 x 125	4.0	79925EC-462	●
RP-18 Endcapped	2.0 x 250	4.0	79925EC-482	●
Cartridge Hardware			5021-1845	

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TSK-GEL SW, SW-XL

TSK-GEL SW, SW-XL

- TSK-GEL SW type packings consist of rigid spherical silica gel, bonded with hydrophilic compounds
- Small particle size (5µ) results in fast analyses without compromising resolution
- TSK-SW and TSK SW-XL columns are a popular choice for gel filtration chromatography of proteins, peptides and polysaccharides in Biosciences
- Also available as ion exchanger with TSK-DEAE and TSK-SP and HIC column with TSK-Phenyl

Ordering Information TSK-GEL SW, SW-XL Columns:

Description	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Preparative	2000SW	21.5 x 300	13.0	79912S2-299	●
Analytical	2000SW	7.5 x 600	10.0	79912S2-107	●
Analytical	2000SW	7.5 x 300	10.0	79912S2-197	●
Analytical	2000SW-XL	7.8 x 300	5.0	79912S2-597	●
Preparative	3000SW	21.5 x 300	13.0	79912S3-299	●
Analytical	3000SW	7.5 x 600	10.0	79912S3-107	●
Analytical	3000SW	7.5 x 300	10.0	79912S3-197	●

● Standard Fitting ● Agilent Cartridge

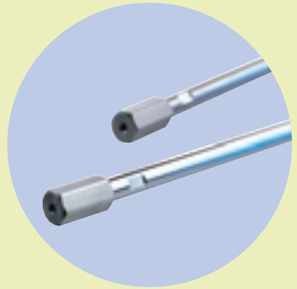
Ordering Information TSK-GEL SW, SW-XL Columns:

Description	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Guard Cartridges	3000SW	21.5 x 75	13.0	79912S3-249	●
Guard Cartridges	3000SW	7.5 x 75	10.0	79912S3-147	●
Analytical	3000SW-XL	7.8 x 300	5.0	79912S3-597	●
Guard Cartridges	3000SW-XL	6.0 x 40	5.0	79912S3-527	●
Preparative	4000SW	21.5 x 300	13.0	79912S4-299	●
Analytical	4000SW	7.5 x 600	10.0	79912S4-107	●
Analytical	4000SW	7.5 x 300	10.0	79912S4-197	●

Ordering Information TSK Non-Porous Columns:

	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
	TSK-DEAE	4.6 x 35	2.5	79912DE-324	●
	TSK Sulfopropyl	4.6 x 35	2.5	79912SP-324	●
	TSK C18	4.6 x 35	2.5	79912OD-324	●

● Standard Fitting ● Agilent Cartridge



TSK-GEL SW, SW-XL

Ordering Information TSK Ion-Exchange Columns:

Description	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
Anion Exch.	TSK DEAE-5PW	7.5 x 75	10.0	79912DE-147	●
Anion Exch.	TSK DEAE-5PW	21.5 x 150	10.0	79912DE-169	●
Anion Exch.	TSK DEAE-NPR	4.6 x 35	2.5	79912DE-324	●
Cation Exch.	TSK SP-5PW	7.5 x 75	10.0	79912SP-147	●
Cation Exch.	TSK SP-5PW	21.5 x 150	10.0	79912SP-169	●
Cation Exch.	TSK SP-NPR	4.6 x 35	2.5	79912SP-324	●

Ordering Information Hydrophobic Interaction Columns:

	Stationary Phase	Size (mm)	Particle Size (µm)	Part Number	
	TSK Phenyl-5PW	7.5 x 75	10.0	79912PH-147	●
	TSK Phenyl-5PW	21.5 x 150	10.0	79912PH-169	●
	TSK Ether-5PW	7.5 x 75	10.0	79912ET-147	●

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Vydac 300A, PAH

Vydac 300A, PAH

- Available as C4 (214TP) and C18 (218TP), used for identification of proteins and the isolation of pure peptides
- Vydac PAH column enables the analysis of the 17 polycyclic aromatic hydrocarbons
- PAH column is also used to separate such closely-related compounds as vitamins D-2 and D-3

Ordering Information Vydac 300A Columns:

Stationary Phase	Size (mm)	Particle Size (µm)	Pore Size	Part Number	
C4 (214 TP)	4.6 x 150	5.0	300A	79918B3-564	●
C4 (214 TP)	4.6 x 250	5.0	300A	79918B3-584	●
C4 (214 TP)	10.0 x 250	5.0	300A	79918B3-588	●
C18 (218 TP)	1.0 x 250	5.0	300A	79918O3-581	●
C18 (218 TP)	2.1 x 250	5.0	300A	79918O3-582	●
C18 (218 TP)	4.6 x 150	5.0	300A	79918O3-564	●
C18 (218 TP)	4.6 x 250	5.0	300A	79918O3-584	●
C18 (218 TP)	10.0 x 250	5.0	300A	79918O3-588	●

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