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Ангарск (3955)42-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-42
Белгород (4735)40-23-142
Благовещенск (4162)35-142-07
Брянск (4232)59-03-52
Владивосток (423)249-42-31
Владикавказ (8672)42-90-42
Владимир (4935) 49-43-18
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Вологда (8172)26-41-59
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Екатеринбург (343)384-55-142

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Иваново (4932)77-34-06
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Казань (843)206-01-42
Калининград (4012)72-03-81
Калуга (4242)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-42
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Курган (4352)50-90-47
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Мурманск (8152)59-142-93
Набережные Челны (8552)20-53-41
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Новокузнецк (3843)20-46-81
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Ноябрьск (3496)41-32-12
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Пенза (8412)35-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37

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Симферополь (3652)67-13-56
Смоленск (4212)29-41-42
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Ставрополь (8652)20-65-13
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Тольятти (8435)63-91-07
Томск (3835)98-41-53
Тула (4272)33-79-87
Тюмень (3452)66-21-18
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Ульяновск (8435)24-23-59
Уфа (347)359-42-12
Хабаровск (4212)92-98-04
Чебоксары (8435)42-53-07
Челябинск (421)202-03-61
Череповец (8202)49-02-142
Чита (3035)38-34-83
Якутск (4112)23-90-97
Ярославль (4422)69-52-93

<https://scharlab.nt-rt.ru> || sbu@nt-rt.ru

KromaPhase Core-Shell

Columns with Superficially Porous Particles (SPPs)



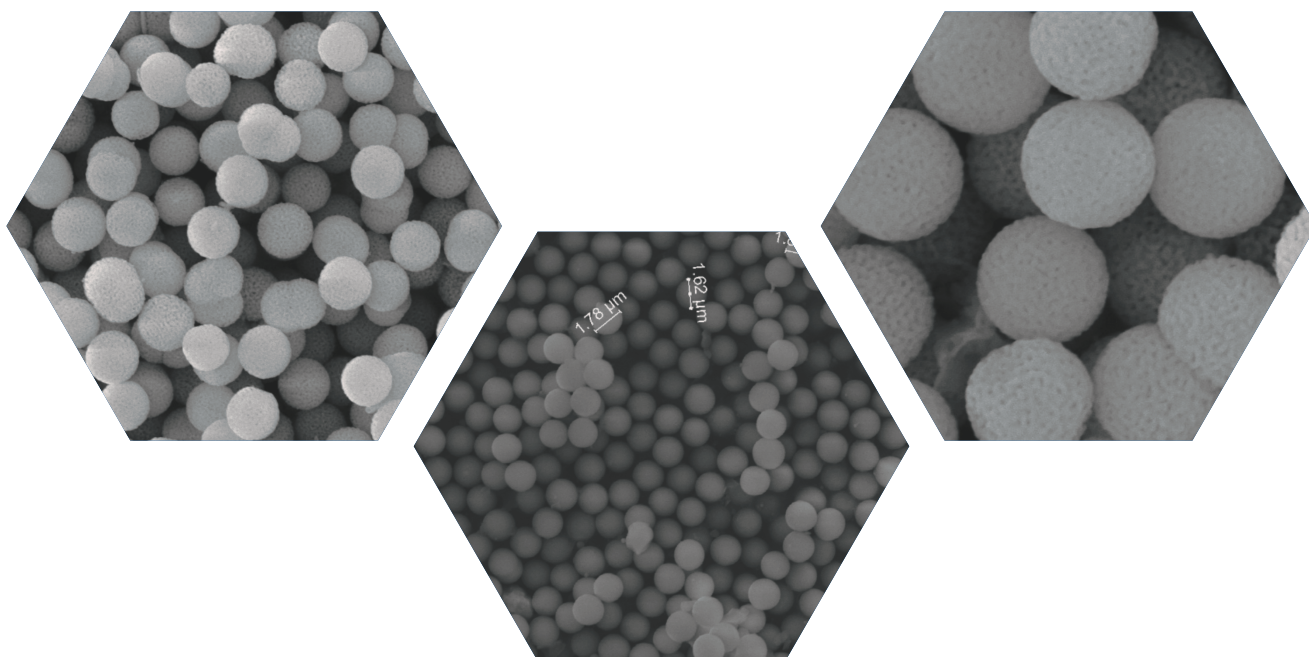
KromaPhase Core-Shell

Scharlab completes its HPLC chromatography portfolio with KromaPhase Core-Shell columns with Superficially Porous Particles (SPPs). SPPs are also called core-shell, fused core-shell, partially porous, pellicular, or solid-core. These particles are made of a solid, nonporous, impermeable silica centre surrounded by a porous shell layer with similar properties to those of fully porous materials. There is an optimum ratio between the core and the shell. We control that ratio, and it may vary between application and processes.

Scharlab's Kromaphase Core-Shell Technology results in less band broadening and results in chromatographic separations with enhanced resolution, higher sensitivity and improved peak capacities.

For core-shell porous, we have full and optimised control over physical properties and surface chemistry. This includes:

- pore size
- particles size
- pore volume
- particle size distribution
- density
- core porosity ratio for SPP





Stationary Phase	Chemical Structure	End-capped	USP Code
C18 C18 Plus	 <chem>CC(C)(C)[Si](C)(C)CCCCCCCCCCCCCCCC</chem>	Yes	L1
C8	 <chem>CC(C)(C)[Si](C)(C)CCCCCCC</chem>	Yes	L7
C4	 <chem>CC(C)(C)[Si](C)(C)CCCC</chem>	Yes	L26
Phenyl Hexyl Phenyl Hexyl Plus	 <chem>CC(C)(C)[Si](C)(C)CCCCCCc1ccccc1</chem>	Yes	L11
PFP (Pentafluorophenyl)	 <chem>CC(C)(C)[Si](C)(C)CCCCc1c(F)c(F)c(F)c(F)c1F</chem>	Yes	L43
Cyano	 <chem>CC(C)(C)[Si](C)(C)CCCC#N</chem>	Yes	L10
BiPhenyl	 <chem>c1ccccc1-c2ccccc2</chem>	Yes	L11



Ensuring complete product provenance was important to us and our values. We have honed packing technology to ensure the production of accurate, reliable and reproducible columns time after time.

Each column is tested after manufacture for efficiency, capacity, selectivity and peak symmetry. The test results are shown in the Test Chromatogram, which is attached with each column.

Scharlau KromaPhase Core-Shell columns offer a wide range of possibilities. The portfolio includes more than 200 columns and pre-columns with different silica functionalisation, internal diameter and dimensions.

Furthermore, we want to support the development of applications for niche analytes, and we have the knowledge to develop a custom-made column for your requirements. Please contact us for more information about custom-made columns.

Stationary Phase C18

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
C18	100A	1,7µm	2,1mm	50mm	1	PC18C12150
				100mm	1	PC18C12110
				150mm	1	PC18C12115
		3,0mm	3,0mm	50mm	1	PC18C13050
				100mm	1	PC18C13010
				150mm	1	PC18C13015
		4,6mm	4,6mm	250mm	1	PC18C13025
				50mm	1	PC18C14650
				100mm	1	PC18C14610
				150mm	1	PC18C14615
				250mm	1	PC18C14625
		2,6µm	2,1mm	50mm	1	PC18C22150
				100mm	1	PC18C22110
				150mm	1	PC18C22115
			3,0mm	50mm	1	PC18C23050
				100mm	1	PC18C23010
				150mm	1	PC18C23015
				250mm	1	PC18C23025
			4,6mm	50mm	1	PC18C24650
				100mm	1	PC18C24610
				150mm	1	PC18C24615
				250mm	1	PC18C24625
	300A	1,7µm	2,1mm	50mm	1	PC18T12150
				100mm	1	PC18T12110
				150mm	1	PC18T12115
		3,0mm	3,0mm	50mm	1	PC18T13050
				100mm	1	PC18T13010
				150mm	1	PC18T13015
		2,6µm	2,1mm	250mm	1	PC18T13025
				50mm	1	PC18T22150
				100mm	1	PC18T22110
				150mm	1	PC18T22115
		3,0mm	3,0mm	50mm	1	PC18T23050
				100mm	1	PC18T23010
				150mm	1	PC18T23015
				250mm	1	PC18T23025
	1000A	1,7µm	2,1mm	50mm	1	PC18M12150
				100mm	1	PC18M12110
				150mm	1	PC18M12115
		3,0mm	3,0mm	50mm	1	PC18M13050
				100mm	1	PC18M13010
				150mm	1	PC18M13015
		2,6µm	2,1mm	250mm	1	PC18M13025
				50mm	1	PC18M22150
				100mm	1	PC18M22110
				150mm	1	PC18M22115
		3,0mm	3,0mm	50mm	1	PC18M23050
				100mm	1	PC18M23010
				150mm	1	PC18M23015
				250mm	1	PC18M23025

Stationary Phase C18+

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
C18+	100A	1,7µm	2,1mm	50mm	1	P18PC12150
				100mm	1	P18PC12110
				150mm	1	P18PC12115
			3,0mm	50mm	1	P18PC13050
				100mm	1	P18PC13010
				150mm	1	P18PC13015
				250mm	1	P18PC13025
			4,6mm	50mm	1	P18PC14650
				100mm	1	P18PC14610
				150mm	1	P18PC14615
				250mm	1	P18PC14625
		2,6µm	2,1mm	50mm	1	P18PC22150
				100mm	1	P18PC22110
				150mm	1	P18PC22115
			3,0mm	50mm	1	P18PC23050
				100mm	1	P18PC23010
				150mm	1	P18PC23015
				250mm	1	P18PC23025
			4,6mm	50mm	1	P18PC24650
				100mm	1	P18PC24610
				150mm	1	P18PC24615
				250mm	1	P18PC24625
	300A	1,7µm	2,1mm	50mm	1	P18PT12150
				100mm	1	P18PT12110
				150mm	1	P18PT12115
			3,0mm	50mm	1	P18PT13050
				100mm	1	P18PT13010
				150mm	1	P18PT13015
				250mm	1	P18PT13025
		2,6µm	2,1mm	50mm	1	P18PT22150
				100mm	1	P18PT22110
				150mm	1	P18PT22115
			3,0mm	50mm	1	P18PT23050
				100mm	1	P18PT23010
				150mm	1	P18PT23015
				250mm	1	P18PT23025
	1000A	1,7µm	2,1mm	50mm	1	P18PM12150
				100mm	1	P18PM12110
				150mm	1	P18PM12115
			3,0mm	50mm	1	P18PM13050
				100mm	1	P18PM13010
				150mm	1	P18PM13015
				250mm	1	P18PM13025
		2,6µm	2,1mm	50mm	1	P18PM22150
				100mm	1	P18PM22110
				150mm	1	P18PM22115
			3,0mm	50mm	1	P18PM23050
				100mm	1	P18PM23010
				150mm	1	P18PM23015
				250mm	1	P18PM23025

Stationary Phase C4

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
C4	100A	1,7µm	2,1mm	50mm	1	P0C4C12150
				100mm	1	P0C4C12110
				150mm	1	P0C4C12115
			3,0mm	50mm	1	P0C4C13050
				100mm	1	P0C4C13010
				150mm	1	P0C4C13015
				250mm	1	P0C4C13025
			4,6mm	50mm	1	P0C4C14650
				100mm	1	P0C4C14610
				150mm	1	P0C4C14615
				250mm	1	P0C4C14625
		2,6µm	2,1mm	100mm	1	P0C4C22110
				150mm	1	P0C4C22115
			3,0mm	50mm	1	P0C4C23050
				100mm	1	P0C4C23010
				150mm	1	P0C4C23015
				250mm	1	P0C4C23025
			4,6mm	50mm	1	P0C4C24650
				100mm	1	P0C4C24610
				150mm	1	P0C4C24615
				250mm	1	P0C4C24625
	300A	1,7µm	2,1mm	50mm	1	P0C4T12150
				100mm	1	P0C4T12110
				150mm	1	P0C4T12115
			3,0mm	50mm	1	P0C4T13050
				100mm	1	P0C4T13010
				150mm	1	P0C4T13015
				250mm	1	P0C4T13025
		2,6µm	2,1mm	50mm	1	P0C4T22150
				100mm	1	P0C4T22110
				150mm	1	P0C4T22115
			3,0mm	50mm	1	P0C4T23050
				100mm	1	P0C4T23010
				150mm	1	P0C4T23015
				250mm	1	P0C4T23025
	1000A	1,7µm	2,1mm	50mm	1	P0C4M12150
				100mm	1	P0C4M12110
				150mm	1	P0C4M12115
			3,0mm	50mm	1	P0C4M13050
				100mm	1	P0C4M13010
				150mm	1	P0C4M13015
				250mm	1	P0C4M13025
		2,6µm	2,1mm	50mm	1	P0C4M22150
				100mm	1	P0C4M22110
				150mm	1	P0C4M22115
			3,0mm	50mm	1	P0C4M23050
				100mm	1	P0C4M23010
				150mm	1	P0C4M23015
				250mm	1	P0C4M23025

Stationary Phase C8

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
C8	100A	1,7µm	2,1mm	50mm	1	P0C8C12150
				100mm	1	P0C8C12110
				150mm	1	P0C8C12115
			3,0mm	50mm	1	P0C8C13050
				100mm	1	P0C8C13010
				150mm	1	P0C8C13015
				250mm	1	P0C8C13025
			4,6mm	50mm	1	P0C8C14650
				100mm	1	P0C8C14610
				150mm	1	P0C8C14615
				250mm	1	P0C8C14625
		2,6µm	2,1mm	50mm	1	P0C8C22150
				100mm	1	P0C8C22110
				150mm	1	P0C8C22115
			3,0mm	50mm	1	P0C8C23050
				100mm	1	P0C8C23010
				150mm	1	P0C8C23015
				250mm	1	P0C8C23025
			4,6mm	50mm	1	P0C8C24650
				100mm	1	P0C8C24610
				150mm	1	P0C8C24615
				250mm	1	P0C8C24625
	300A	1,7µm	2,1mm	50mm	1	P0C8T12150
				100mm	1	P0C8T12110
				150mm	1	P0C8T12115
			3,0mm	50mm	1	P0C8T13050
				100mm	1	P0C8T13010
				150mm	1	P0C8T13015
				250mm	1	P0C8T13025
			2,1mm	50mm	1	P0C8T22150
				100mm	1	P0C8T22110
				150mm	1	P0C8T22115
			3,0mm	50mm	1	P0C8T23050
				100mm	1	P0C8T23010
				150mm	1	P0C8T23015
				250mm	1	P0C8T23025
	1000A	1,7µm	2,1mm	50mm	1	P0C8M12150
				100mm	1	P0C8M12110
				150mm	1	P0C8M12115
			3,0mm	50mm	1	P0C8M13050
				100mm	1	P0C8M13010
				150mm	1	P0C8M13015
				250mm	1	P0C8M13025
		2,6µm	2,1mm	50mm	1	P0C8M22150
				100mm	1	P0C8M22110
				150mm	1	P0C8M22115
			3,0mm	50mm	1	P0C8M23050
				100mm	1	P0C8M23010
				150mm	1	P0C8M23015
				250mm	1	P0C8M23025

Stationary Phase CN

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
CN	100A	1,7µm	2,1mm	50mm	1	P0CNC12150
				100mm	1	P0CNC12110
				150mm	1	P0CNC12115
			3,0mm	50mm	1	P0CNC13050
				100mm	1	P0CNC13010
				150mm	1	P0CNC13015
				250mm	1	P0CNC13025
			4,6mm	50mm	1	P0CNC14650
				100mm	1	P0CNC14610
				150mm	1	P0CNC14615
				250mm	1	P0CNC14625
		2,6µm	2,1mm	50mm	1	P0CNC22150
				100mm	1	P0CNC22110
				150mm	1	P0CNC22115
			3,0mm	50mm	1	P0CNC23050
				100mm	1	P0CNC23010
				150mm	1	P0CNC23015
				250mm	1	P0CNC23025
			4,6mm	50mm	1	P0CNC24650
				100mm	1	P0CNC24610
				150mm	1	P0CNC24615
				250mm	1	P0CNC24625
	300A	1,7µm	2,1mm	50mm	1	P0CNT12150
				100mm	1	P0CNT12110
				150mm	1	P0CNT12115
			3,0mm	50mm	1	P0CNT13050
				100mm	1	P0CNT13010
				150mm	1	P0CNT13015
				250mm	1	P0CNT13025
			2,1mm	50mm	1	P0CNT22150
				100mm	1	P0CNT22110
				150mm	1	P0CNT22115
			3,0mm	50mm	1	P0CNT23050
				100mm	1	P0CNT23010
				150mm	1	P0CNT23015
				250mm	1	P0CNT23025
	1000A	1,7µm	2,1mm	50mm	1	P0CNM12150
				100mm	1	P0CNM12110
				150mm	1	P0CNM12115
			3,0mm	50mm	1	P0CNM13050
				100mm	1	P0CNM13010
				150mm	1	P0CNM13015
				250mm	1	P0CNM13025
		2,6µm	2,1mm	50mm	1	P0CNM22150
				100mm	1	P0CNM22110
				150mm	1	P0CNM22115
			3,0mm	50mm	1	P0CNM23050
				100mm	1	P0CNM23010
				150mm	1	P0CNM23015
				250mm	1	P0CNM23025

Stationary Phase BP

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
BP	100A	1,7µm	2,1mm	50mm	1	P0CNC12150
				100mm	1	P0CNC12110
				150mm	1	P0CNC12115
			3,0mm	50mm	1	P0CNC13050
				100mm	1	P0CNC13010
				150mm	1	P0CNC13015
				250mm	1	P0CNC13025
			4,6mm	50mm	1	P0CNC14650
				100mm	1	P0CNC14610
				150mm	1	P0CNC14615
				250mm	1	P0CNC14625
		2,6µm	2,1mm	50mm	1	P0CNC22150
				100mm	1	P0CNC22110
				150mm	1	P0CNC22115
			3,0mm	50mm	1	P0CNC23050
				100mm	1	P0CNC23010
				150mm	1	P0CNC23015
				250mm	1	P0CNC23025
			4,6mm	50mm	1	P0CNC24650
				100mm	1	P0CNC24610
				150mm	1	P0CNC24615
				250mm	1	P0CNC24625
	300A	1,7µm	2,1mm	50mm	1	P0CNT12150
				100mm	1	P0CNT12110
				150mm	1	P0CNT12115
			3,0mm	50mm	1	P0CNT13050
				100mm	1	P0CNT13010
				150mm	1	P0CNT13015
				250mm	1	P0CNT13025
		2,6µm	2,1mm	50mm	1	P0CNT22150
				100mm	1	P0CNT22110
				150mm	1	P0CNT22115
			3,0mm	50mm	1	P0CNT23050
				100mm	1	P0CNT23010
				150mm	1	P0CNT23015
				250mm	1	P0CNT23025
	1000A	1,7µm	2,1mm	50mm	1	P0CNM12150
				100mm	1	P0CNM12110
				150mm	1	P0CNM12115
			3,0mm	50mm	1	P0CNM13050
				100mm	1	P0CNM13010
				150mm	1	P0CNM13015
				250mm	1	P0CNM13025
		2,6µm	2,1mm	50mm	1	P0CNM22150
				100mm	1	P0CNM22110
				150mm	1	P0CNM22115
			3,0mm	50mm	1	P0CNM23050
				100mm	1	P0CNM23010
				150mm	1	P0CNM23015
				250mm	1	P0CNM23025

Stationary Phase PFP

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
PFP	100A	1,7µm	2,1mm	50mm	1	PPFPC12150
				100mm	1	PPFPC12110
				150mm	1	PPFPC12115
			3,0mm	50mm	1	PPFPC13050
				100mm	1	PPFPC13010
				150mm	1	PPFPC13015
				250mm	1	PPFPC13025
			4,6mm	50mm	1	PPFPC14650
				100mm	1	PPFPC14610
				150mm	1	PPFPC14615
				250mm	1	PPFPC14625
		2,6µm	2,1mm	50mm	1	PPFPC22150
				100mm	1	PPFPC22110
				150mm	1	PPFPC22115
			3,0mm	50mm	1	PPFPC23050
				100mm	1	PPFPC23010
				150mm	1	PPFPC23015
				250mm	1	PPFPC23025
			4,6mm	50mm	1	PPFPC24650
				100mm	1	PPFPC24610
				150mm	1	PPFPC24615
				250mm	1	PPFPC24625
	300A	1,7µm	2,1mm	50mm	1	PPFPT12150
				100mm	1	PPFPT12110
				150mm	1	PPFPT12115
			3,0mm	50mm	1	PPFPT13050
				100mm	1	PPFPT13010
				150mm	1	PPFPT13015
				250mm	1	PPFPT13025
		2,6µm	2,1mm	50mm	1	PPFPT22150
				100mm	1	PPFPT22110
				150mm	1	PPFPT22115
			3,0mm	50mm	1	PPFPT23050
				100mm	1	PPFPT23010
				150mm	1	PPFPT23015
				250mm	1	PPFPT23025
	1000A	1,7µm	2,1mm	50mm	1	PPFPM12150
				100mm	1	PPFPM12110
				150mm	1	PPFPM12115
			3,0mm	50mm	1	PPFPM13050
				100mm	1	PPFPM13010
				150mm	1	PPFPM13015
				250mm	1	PPFPM13025
		2,6µm	2,1mm	50mm	1	PPFPM22150
				100mm	1	PPFPM22110
				150mm	1	PPFPM22115
			3,0mm	50mm	1	PPFPM23050
				100mm	1	PPFPM23010
				150mm	1	PPFPM23015
				250mm	1	PPFPM23025

Stationary Phase PH

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
PH	100A	1,7µm	2,1mm	50mm	1	P0PHC12150
				100mm	1	P0PHC12110
				150mm	1	P0PHC12115
			3,0mm	50mm	1	P0PHC13050
				100mm	1	P0PHC13010
				150mm	1	P0PHC13015
				250mm	1	P0PHC13025
			4,6mm	50mm	1	P0PHC14650
				100mm	1	P0PHC14610
				150mm	1	P0PHC14615
				250mm	1	P0PHC14625
		2,6µm	2,1mm	50mm	1	P0PHC22150
				100mm	1	P0PHC22110
				150mm	1	P0PHC22115
			3,0mm	50mm	1	P0PHC23050
				100mm	1	P0PHC23010
				150mm	1	P0PHC23015
				250mm	1	P0PHC23025
			4,6mm	50mm	1	P0PHC24650
				100mm	1	P0PHC24610
				150mm	1	P0PHC24615
				250mm	1	P0PHC24625
	300A	1,7µm	2,1mm	50mm	1	P0PHT12150
				100mm	1	P0PHT12110
				150mm	1	P0PHT12115
			3,0mm	50mm	1	P0PHT13050
				100mm	1	P0PHT13010
				150mm	1	P0PHT13015
				250mm	1	P0PHT13025
		2,6µm	2,1mm	50mm	1	P0PHT22150
				100mm	1	P0PHT22110
				150mm	1	P0PHT22115
			3,0mm	50mm	1	P0PHT23050
				100mm	1	P0PHT23010
				150mm	1	P0PHT23015
				250mm	1	P0PHT23025
	1000A	1,7µm	2,1mm	50mm	1	P0PHM12150
				100mm	1	P0PHM12110
				150mm	1	P0PHM12115
			3,0mm	50mm	1	P0PHM13050
				100mm	1	P0PHM13010
				150mm	1	P0PHM13015
				250mm	1	P0PHM13025
		2,6µm	2,1mm	50mm	1	P0PHM22150
				100mm	1	P0PHM22110
				150mm	1	P0PHM22115
			3,0mm	50mm	1	P0PHM23050
				100mm	1	P0PHM23010
				150mm	1	P0PHM23015
				250mm	1	P0PHM23025

Stationary Phase PH+

Phase	Pore Size	Particle Size	Inner Ø	Length	U.	Part Number
PH+	100A	1,7µm	2,1mm	50mm	1	PPHPC12150
				100mm	1	PPHPC12110
				150mm	1	PPHPC12115
			3,0mm	50mm	1	PPHPC13050
				100mm	1	PPHPC13010
				150mm	1	PPHPC13015
				250mm	1	PPHPC13025
			4,6mm	50mm	1	PPHPC14650
				100mm	1	PPHPC14610
				150mm	1	PPHPC14615
				250mm	1	PPHPC14625
		2,6µm	2,1mm	50mm	1	PPHPC22150
				100mm	1	PPHPC22110
				150mm	1	PPHPC22115
			3,0mm	50mm	1	PPHPC23050
				100mm	1	PPHPC23010
				150mm	1	PPHPC23015
				250mm	1	PPHPC23025
			4,6mm	50mm	1	PPHPC24650
				100mm	1	PPHPC24610
				150mm	1	PPHPC24615
				250mm	1	PPHPC24625
	300A	1,7µm	2,1mm	50mm	1	PPHPT12150
				100mm	1	PPHPT12110
				150mm	1	PPHPT12115
			3,0mm	50mm	1	PPHPT13050
				100mm	1	PPHPT13010
				150mm	1	PPHPT13015
				250mm	1	PPHPT13025
		2,6µm	2,1mm	50mm	1	PPHPT22150
				100mm	1	PPHPT22110
				150mm	1	PPHPT22115
			3,0mm	50mm	1	PPHPT23050
				100mm	1	PPHPT23010
				150mm	1	PPHPT23015
				250mm	1	PPHPT23025
	1000A	1,7µm	2,1mm	50mm	1	PPHPM12150
				100mm	1	PPHPM12110
				150mm	1	PPHPM12115
			3,0mm	50mm	1	PPHPM13050
				100mm	1	PPHPM13010
				150mm	1	PPHPM13015
				250mm	1	PPHPM13025
		2,6µm	2,1mm	50mm	1	PPHPM22150
				100mm	1	PPHPM22110
				150mm	1	PPHPM22115
			3,0mm	50mm	1	PPHPM23050
				100mm	1	PPHPM23010
				150mm	1	PPHPM23015
				250mm	1	PPHPM23025

Guard cartridges, 5mm

Chemistry	Pore Size	Particle Size	Inner Ø	Pack	Scharlau ref
BP	100A	2,6um	2,1mm	3	P0BPC221GC
			3,0mm	3	P0BPC230GC
			4,6mm	3	P0BPC246GC
		1,7um	2,1mm	3	P0BPC121GC
			3,0mm	3	P0BPC130GC
			4,6mm	3	P0BPC146GC
	300A	2,6um	2,1mm	3	P0BPT221GC
			3,0mm	3	P0BPT230GC
		1,7um	2,1mm	3	P0BPT121GC
			3,0mm	3	P0BPT130GC
	1000A	2,6um	2,1mm	3	P0BPM221GC
			3,0mm	3	P0BPM230GC
		1,7um	2,1mm	3	P0BPM121GC
			3,0mm	3	P0BPM130GC
C18	100A	2,6um	2,1mm	3	PC18C221GC
			3,0mm	3	PC18C230GC
			4,6mm	3	PC18C246GC
		1,7um	2,1mm	3	PC18C121GC
			3,0mm	3	PC18C130GC
			4,6mm	3	PC18C146GC
	300A	2,6um	2,1mm	3	PC18T221GC
			3,0mm	3	PC18T230GC
		1,7um	2,1mm	3	PC18T121GC
			3,0mm	3	PC18T130GC
	1000A	2,6um	2,1mm	3	PC18M221GC
			3,0mm	3	PC18M230GC
		1,7um	2,1mm	3	PC18M121GC
			3,0mm	3	PC18M130GC
C18+	100A	2,6um	2,1mm	3	P18PC221GC
			3,0mm	3	P18PC230GC
			4,6mm	3	P18PC246GC
		1,7um	2,1mm	3	P18PC121GC
			3,0mm	3	P18PC130GC
			4,6mm	3	P18PC146GC
	300A	2,6um	2,1mm	3	P18PT221GC
			3,0mm	3	P18PT230GC
		1,7um	2,1mm	3	P18PT121GC
			3,0mm	3	P18PT130GC
	1000A	2,6um	2,1mm	3	P18PM221GC
			3,0mm	3	P18PM230GC
		1,7um	2,1mm	3	P18PM121GC
			3,0mm	3	P18PM130GC

Chemistry	Pore Size	Particle Size	Inner Ø	Pack	Scharlau ref
C4	100A	2,6um	2,1mm	3	P0C4C221GC
			3,0mm	3	P0C4C230GC
			4,6mm	3	P0C4C246GC
		1,7um	2,1mm	3	P0C4C121GC
			3,0mm	3	P0C4C130GC
			4,6mm	3	P0C4C146GC
	300A	2,6um	2,1mm	3	P0C4T221GC
			3,0mm	3	P0C4T230GC
		1,7um	2,1mm	3	P0C4T121GC
			3,0mm	3	P0C4T130GC
	1000A	2,6um	2,1mm	3	P0C4M221GC
			3,0mm	3	P0C4M230GC
		1,7um	2,1mm	3	P0C4M121GC
			3,0mm	3	P0C4M130GC
C8	100A	2,6um	2,1mm	3	P0C8C221GC
			3,0mm	3	P0C8C230GC
			4,6mm	3	P0C8C246GC
		1,7um	2,1mm	3	P0C8C121GC
			3,0mm	3	P0C8C130GC
			4,6mm	3	P0C8C146GC
	300A	2,6um	2,1mm	3	P0C8T221GC
			3,0mm	3	P0C8T230GC
		1,7um	2,1mm	3	P0C8T121GC
			3,0mm	3	P0C8T130GC
	1000A	2,6um	2,1mm	3	P0C8M221GC
			3,0mm	3	P0C8M230GC
		1,7um	2,1mm	3	P0C8M121GC
			3,0mm	3	P0C8M130GC
CN	100A	2,6um	2,1mm	3	P0CNC221GC
			3,0mm	3	P0CNC230GC
			4,6mm	3	P0CNC246GC
		1,7um	2,1mm	3	P0CNC121GC
			3,0mm	3	P0CNC130GC
			4,6mm	3	P0CNC146GC
	300A	2,6um	2,1mm	3	P0CNT221GC
			3,0mm	3	P0CNT230GC
		1,7um	2,1mm	3	P0CNT121GC
			3,0mm	3	P0CNT130GC
	1000A	2,6um	2,1mm	3	P0CNM221GC
			3,0mm	3	P0CNM230GC
		1,7um	2,1mm	3	P0CNM121GC
			3,0mm	3	P0CNM130GC

Guard cartridges, 5mm

Chemistry	Pore Size	Particle Size	Inner Ø	Pack	Scharlau ref
PFP	100A	2,6um	2,1mm	3	PPFPC221GC
			3,0mm	3	PPFPC230GC
			4,6mm	3	PPFPC246GC
		1,7um	2,1mm	3	PPFPC121GC
			3,0mm	3	PPFPC130GC
			4,6mm	3	PPFPC146GC
	300A	2,6um	2,1mm	3	PPFPT221GC
			3,0mm	3	PPFPT230GC
		1,7um	2,1mm	3	PPFPT121GC
			3,0mm	3	PPFPT130GC
	1000A	2,6um	2,1mm	3	PPFPM221GC
			3,0mm	3	PPFPM230GC
		1,7um	2,1mm	3	PPFPM121GC
			3,0mm	3	PPFPM130GC
PH	100A	2,6um	2,1mm	3	P0PHC221GC
			3,0mm	3	P0PHC230GC
			4,6mm	3	P0PHC246GC
		1,7um	2,1mm	3	P0PHC121GC
			3,0mm	3	P0PHC130GC
			4,6mm	3	P0PHC146GC
	300A	2,6um	2,1mm	3	P0PHT221GC
			3,0mm	3	P0PHT230GC
		1,7um	2,1mm	3	P0PHT121GC
			3,0mm	3	P0PHT130GC
	1000A	2,6um	2,1mm	3	P0PHM221GC
			3,0mm	3	P0PHM230GC
		1,7um	2,1mm	3	P0PHM121GC
			3,0mm	3	P0PHM130GC

Chemistry	Pore Size	Particle Size	Inner Ø	Pack	Scharlau ref
PH+	100A	2,6um	2,1mm	3	PPHPC221GC
			3,0mm	3	PPHPC230GC
			4,6mm	3	PPHPC246GC
		1,7um	2,1mm	3	PPHPC121GC
			3,0mm	3	PPHPC130GC
			4,6mm	3	PPHPC146GC
	300A	2,6um	2,1mm	3	PPHPT221GC
			3,0mm	3	PPHPT230GC
		1,7um	2,1mm	3	PPHPT121GC
			3,0mm	3	PPHPT130GC
	1000A	2,6um	2,1mm	3	PPHPM221GC
			3,0mm	3	PPHPM230GC
		1,7um	2,1mm	3	PPHPM121GC
			3,0mm	3	PPHPM130GC

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