

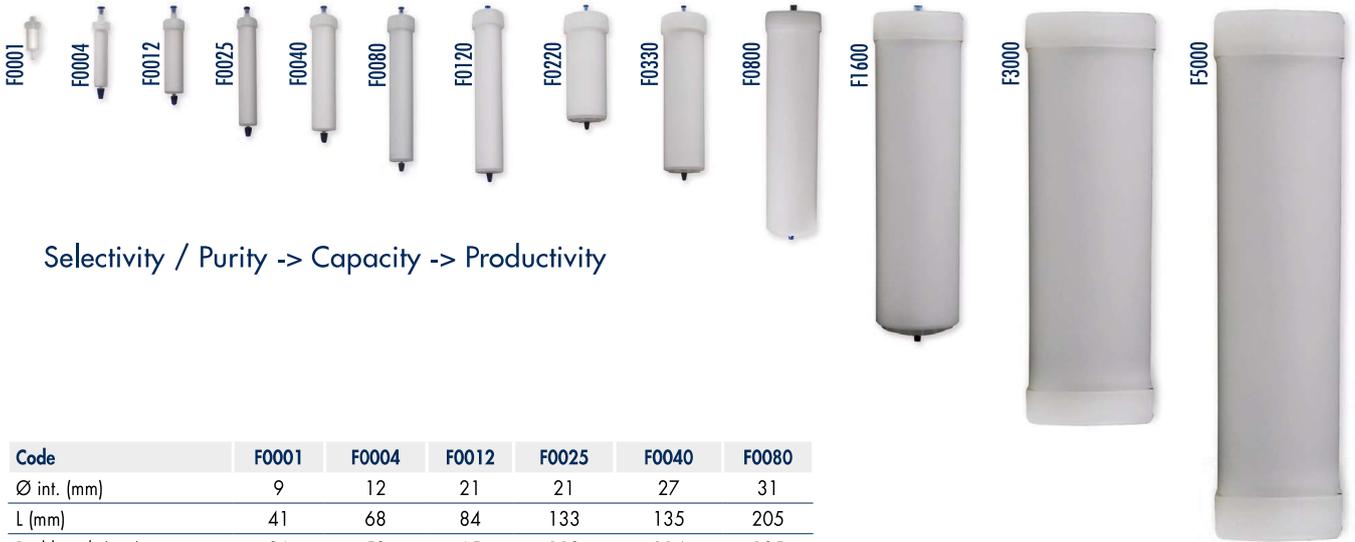
Flash columns

We offer more than 35 selections for the purification of small & bio-molecules.

Our Ultra Pure Spherical Silica combined with our chemistry establishes optimized sample recovery and makes the transfer from analytical to purification easier.

Advion Interchim Scientific® Genius allows an easy transfer from any TLC or analytical data from any columns to a "ready-to-go" and safe gradient purification method.

RFID Traceability.



Selectivity / Purity -> Capacity -> Productivity

Code	F0001	F0004	F0012	F0025	F0040	F0080
Ø int. (mm)	9	12	21	21	27	31
L (mm)	41	68	84	133	135	205
Bed length (mm)	26	53	65	113	114	185
CV ₀ (mL)	1.2	5	19	32	48	102
Flowrate - Typical (mL/min)	2.5	5	1	15	26	34
Flowrate - Range (mL/min)	1 - 10	5 - 20	15 - 50	15 - 50	20 - 70	30 - 100
Max Pressure (bar)	7	22	22	22	20	20

Code	F0120	F0220	F0330	F0800	F1600	F3000	F5000
Ø int. (mm)	36	60	60	78	104	127.5	127.5
L (mm)	224	153	226	341	385	514	770
Bed length (mm)	202	127	200	314	353	400	660
CV ₀ (mL)	153	269	405	1 078	2 170	4100	6700
Flowrate - Typical (mL/min)	46	127	127	216	383	550	550
Flowrate - Range (mL/min)	40 - 150	80 - 300	80 - 300	150 - 300	200 - 500	320-680	320-680
Max Pressure (bar)	20	20	20	7	7	7	7



LC Preparative columns

Preparative columns range from 10.0 to 50.8 mm i.d for the purification of samples ranging from 0.5 mg to 1 gram.

Column tubing & column packing

The tube polishing value (Ra) has a fundamental importance in preparative chromatography. A primary reason for broad peaks and low efficiency is the utilization of poor quality tubing. Molecules in the center of the mobile phase stream can move faster than molecules closer to the wall due to friction against the tubing inner surface. The lower the Ra value, the smoother the surface and the less the "drag" in the tubing will place upon a given separation. All columns have extremely smooth inner surface (typically 8 μ inch of Ra) to considerably reduce drag issues and keep the column efficiency.



Sample dispersion

The loading of sample onto a preparative column requires stringent management to provide quality separations. Column overloading results in a poor retention of pure fractions and therefore particular attention needs to be placed upon selecting the appropriate column dimension and properties of the stationary phase. In addition, careful sample introduction control into the column is necessary to get a homogeneous sample dispersion through the sorbent bead head.

Typically, sample enters a preparative column through a 1/16" fitting; poor sample loading will lead to overloading some areas of the stationary phase whilst other areas will be underloaded. In addition to a dramatic loss in capacity there will also be a high potential to prematurely clog the the column head and thus rapidly reducing the column life. To avoid this problem, Advion Interchim Scientific's Modulo-cart Preparative columns are outfitted with a sample distributor.



Solid Sample

Dry injection



Allows large sample amounts

High pressure dry-load



Dry-load columns for solid deposits allow the injection of an insoluble (or soluble) raw sample in the mobile phase. Compared to liquid injection, the solid deposit avoids the diffusion of the raw sample in the purification column. It improves resolution, efficiency and purity of the products collected.

The solid deposit can be made with silica, C18 or Celite. Unlike open cartridges, it does not require the use of a piston or specific adapters.

The max. pressure is 2x the standard solid deposit cartridges.

They are compatible with the use of Interchim® 15 µm puriFlash® columns and with all purification systems.

puriFlash® Dry-Load

Nature	Type	Format	P/N	Qty	
puriFlash® Dry-Load	Empty	F0004	PF-DLE-F0004	20 u	
		F0012	PF-DLE-F0012	20 u	
		F0025	PF-DLE-F0025	20 u	
		F0040	PF-DLE-F0040	20 u	
		F0060	PF-DLE-F0060	10 u	
		F0080	PF-DLE-F0080	5 u	
		F0100	PF-DLE-F0100	5 u	
		F0120	PF-DLE-F0120	5 u	
		F0220	PF-DLE-F0220	5 u	
		F0330	PF-DLE-F0330	5 u	
		puriFlash® Dry-Load - Tightening tool		JV0470	1 u
		puriFlash® Dry-Load	SILICA HC 80%	F0004	PF-DLE-F0004
F0012	PF-DLE-F0012			20 u	
F0025	PF-DLE-F0025			20 u	
F0040	PF-DLE-F0040			20 u	
puriFlash® Dry-Load	SILICA HC 50%	F0004	PF-DLSIHC05-F0004	20 u	
		F0012	PF-DLSIHC05-F0012	20 u	
		F0025	PF-DLSIHC05-F0025	20 u	
		F0040	PF-DLSIHC05-F0040	20 u	
puriFlash® Dry-Load	CELITE 80%	F0004	PF-DLCET08-F0004	20 u	
		F0012	PF-DLCET08-F0012	20 u	
		F0025	PF-DLCET08-F0025	20 u	
		F0040	PF-DLCET08-F0040	20 u	
puriFlash® Dry-Load	C18 STD 80%	F0004	PF-DLIRC1808-F0004	5 u	
		F0012	PF-DLIRC1808-F0012	5 u	
		F0025	PF-DLIRC1808-F0025	5 u	
		F0040	PF-DLIRC1808-F0040	5 u	
puriFlash® Dry-Load	C18 STD 50%	F0004	PF-DLIRC1805-F0004	5 u	
		F0012	PF-DLIRC1805-F0012	5 u	
		F0025	PF-DLIRC1805-F0025	5 u	
		F0040	PF-DLIRC1805-F0040	5 u	

High-Pressure Dry-Load

Nature	Type	Format	P/N	Qty
puriFlash® HP Dry-Load	Empty	50 x 21.2 mm	OA0320	1 u
		75 x 21.2 mm	OA0330	1 u
		100 x 21.2 mm	7A1870	1 u
		50 x 30 mm	OA0340	1 u
		75 x 30 mm	OA0350	1 u
100 x 30 mm	7A1880	1 u		
puriFlash® Dry-Load - Tightening tool				
Spanner wrench for 21.2 mm ID			7A1590	1 u
Spanner wrench for 30 mm ID			7A1610	1 u
Replacement frit				
Replacement frit for 21.2 mm ID			OA2100	1 u
Replacement frit for 30 mm ID			OA2110	1 u





Normal phase

puriFlash® IR-SI

Flash columns	20 µm	Qty	50 µm	Qty
F0004	IR-20SI-F0004	40 u	IR-50SI-F0004	40 u
F0012	IR-20SI-F0012	30 u	IR-50SI-F0012	30 u
F0025	IR-20SI-F0025	25 u	IR-50SI-F0025	25 u
F0040	IR-20SI-F0040	20 u	IR-50SI-F0040	20 u
F0080	IR-20SI-F0080	10 u	IR-50SI-F0080	10 u
F0120	IR-20SI-F0120	8 u	IR-50SI-F0120	8 u
F0220	IR-20SI-F0220	4 u	IR-50SI-F0220	4 u
F0330	IR-20SI-F0330	4 u	IR-50SI-F0330	4 u
F0800	IR-20SI-F0800	1 u	IR-50SI-F0800	1 u
F1600	IR-20SI-F1600	1 u	IR-50SI-F1600	1 u
F3000	IR-30SI-F3000	1 u	IR-50SI-F3000	1 u
F5000	---	---	IR-50SI-F5000	1 u

puriFlash® IR-SI - Jumbo pack

Flash columns	20 µm	Qty	50 µm	Qty
F0004	IR-20SIJP-F0004	160 u	IR-50SIJP-F0004	400 u
F0012	IR-20SIJP-F0012	120 u	IR-50SIJP-F0012	300 u
F0025	IR-20SIJP-F0025	100 u	IR-50SIJP-F0025	250 u
F0040	IR-20SIJP-F0040	80 u	IR-50SIJP-F0040	200 u
F0080	IR-20SIJP-F0080	40 u	IR-50SIJP-F0080	100 u
F0120	IR-20SIJP-F0120	32 u	IR-50SIJP-F0120	80 u
F0220	IR-20SIJP-F0220	16 u	IR-50SIJP-F0220	40 u
F0330	IR-20SIJP-F0330	16 u	IR-50SIJP-F0330	40 u
F0800	---	---	IR-50SIJP-F0800	10 u
F1600	---	---	IR-50SIJP-F1600	10 u

Notes: influence of water content of silica.
The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification
Flash: Silica gel for TLC = 6 - 6.5%
Spherical silica gel for Flash <or = 2.0%

puriFlash® SI-HP

Flash columns	15 µm	Qty	30 µm	Qty	50 µm	Qty
F0001	SC-15SIHP-F0001	50 u	---	---	---	---
F0004	PF-15SIHP-F0004	20 u	PF-30SIHP-F0004	40 u	PF-50SIHP-F0004	40 u
F0012	PF-15SIHP-F0012	20 u	PF-30SIHP-F0012	30 u	PF-50SIHP-F0012	30 u
F0025	PF-15SIHP-F0025	12 u	PF-30SIHP-F0025	25 u	PF-50SIHP-F0025	25 u
F0040	PF-15SIHP-F0040	12 u	PF-30SIHP-F0040	20 u	PF-50SIHP-F0040	20 u
F0080	PF-15SIHP-F0080	4 u	PF-30SIHP-F0080	10 u	PF-50SIHP-F0080	10 u
F0120	PF-15SIHP-F0120	4 u	PF-30SIHP-F0120	8 u	PF-50SIHP-F0120	8 u
F0220	PF-15SIHP-F0220	2 u	PF-30SIHP-F0220	4 u	PF-50SIHP-F0220	4 u
F0330	PF-15SIHP-F0330	2 u	PF-30SIHP-F0330	4 u	PF-50SIHP-F0330	4 u
F0800	---	---	PF-30SIHP-F0800	1 u	PF-50SIHP-F0800	1 u
F1600	---	---	PF-30SIHP-F1600	1 u	PF-50SIHP-F1600	1 u
F3000	---	---	30SIHP-F3000	1 u	50SIHP-F3000	1 u



puriFlash® IR-SI
60 Å - 450 m²/g
20 & 40/63 µm
pH stability: 1.5 to 6.5
Economical

APPLICATION AREA

HPLC
Prep-LC
Flash



Single use columns

General application:
Non-ionic & polar organic molecules



puriFlash® SI-HP
60 Å - 500 m²/g
5, 10, 15, 30 & 50 µm
pH stability: 1.5 to 6.5
High efficiency

APPLICATION AREA

HPLC
Prep-LC
Flash



Single use columns

General application:
Non-ionic & polar organic molecules





puriFlash® SI-HP- Jumbo pack

Flash columns	15 µm	Qty	30 µm	Qty	50 µm	Qty
F0004	PF-15SIHP-JP-F0004	80 u	PF-30SIHP-JP-F0004	160 u	PF-50SIHP-JP-F0004	160 u
F0012	PF-15SIHP-JP-F0012	80 u	PF-30SIHP-JP-F0012	120 u	PF-50SIHP-JP-F0012	120 u
F0025	PF-15SIHP-JP-F0025	48 u	PF-30SIHP-JP-F0025	100 u	PF-50SIHP-JP-F0025	100 u
F0040	PF-15SIHP-JP-F0040	48 u	PF-30SIHP-JP-F0040	80 u	PF-50SIHP-JP-F0040	80 u
F0080	PF-15SIHP-JP-F0080	32 u	PF-30SIHP-JP-F0080	40 u	PF-50SIHP-JP-F0080	40 u
F0120	PF-15SIHP-JP-F0120	32 u	PF-30SIHP-JP-F0120	32 u	PF-50SIHP-JP-F0120	32 u
F0220	PF-15SIHP-JP-F0220	8 u	PF-30SIHP-JP-F0220	16 u	PF-50SIHP-JP-F0220	16 u
F0330	PF-15SIHP-JP-F0330	8 u	PF-30SIHP-JP-F0330	16 u	PF-50SIHP-JP-F0330	16 u
F0800	---	---	PF-30SIHP-JP-F0800	4 u	PF-50SIHP-JP-F0800	4 u
F1600	---	---	PF-30SIHP-JP-F1600	4 u	PF-50SIHP-JP-F1600	4 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	PF5SIHP-250/P46	1 u	PF10SIHP-250/P46	1 u	PF15SIHP-250/P46	1 u
150 x 10.0 mm	PF5SIHP-150/100	1 u	PF10SIHP-150/100	1 u	PF15SIHP-150/100	1 u
250 x 10.0 mm	PF5SIHP-250/100	1 u	PF10SIHP-250/100	1 u	PF15SIHP-250/100	1 u
50 x 21.2 mm	PF5SIHP-050/212	1 u	PF10SIHP-050/212	1 u	PF15SIHP-050/212	1 u
100 x 21.2 mm	PF5SIHP-100/212	1 u	PF10SIHP-100/212	1 u	PF15SIHP-100/212	1 u
150 x 21.2 mm	PF5SIHP-150/212	1 u	PF10SIHP-150/212	1 u	PF15SIHP-150/212	1 u
250 x 21.2 mm	PF5SIHP-250/212	1 u	PF10SIHP-250/212	1 u	PF15SIHP-250/212	1 u
50 x 30.0 mm	PF5SIHP-050/300	1 u	PF10SIHP-050/300	1 u	PF15SIHP-050/300	1 u
100 x 30.0 mm	PF5SIHP-100/300	1 u	PF10SIHP-100/300	1 u	PF15SIHP-100/300	1 u
150 x 30.0 mm	PF5SIHP-150/300	1 u	PF10SIHP-150/300	1 u	PF15SIHP-150/300	1 u
250 x 30.0 mm	PF5SIHP-250/300	1 u	PF10SIHP-250/300	1 u	PF15SIHP-250/300	1 u
50 x 50.0 mm	PF5SIHP-050/500	1 u	PF10SIHP-050/500	1 u	PF15SIHP-050/500	1 u
250 x 50.0 mm	PF5SIHP-250/500	1 u	PF10SIHP-250/500	1 u	PF15SIHP-250/500	1 u

Notes: influence of water content of silica.

The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification

Flash: Silica gel for TLC = 6 - 6.5%

Spherical silica gel for Flash <or = 2.0%

puriFlash® SI-HC
 60 Å - 680 m²/g
 15, 25 & 50 µm
 pH stability: 1.5 to 6.5
 Greater loading capacity
 & productivity
 Low back pressure

puriFlash® SI-HC

Flash columns	15 µm	Qty	25 µm	Qty	50 µm	Qty
F0001	SC-15SIHC-F0001	50 u	---	---	---	---
F0004	PF-15SIHC-F0004	20 u	PF-25SIHC-F0004	40 u	PF-50SIHC-F0004	40 u
F0012	PF-15SIHC-F0012	20 u	PF-25SIHC-F0012	30 u	PF-50SIHC-F0012	30 u
F0025	PF-15SIHC-F0025	12 u	PF-25SIHC-F0025	25 u	PF-50SIHC-F0025	25 u
F0040	PF-15SIHC-F0040	12 u	PF-25SIHC-F0040	20 u	PF-50SIHC-F0040	20 u
F0080	PF-15SIHC-F0080	4 u	PF-25SIHC-F0080	10 u	PF-50SIHC-F0080	10 u
F0120	PF-15SIHC-F0120	4 u	PF-25SIHC-F0120	8 u	PF-50SIHC-F0120	8 u
F0220	PF-15SIHC-F0220	2 u	PF-25SIHC-F0220	4 u	PF-50SIHC-F0220	4 u
F0330	PF-15SIHC-F0330	2 u	PF-25SIHC-F0330	4 u	PF-50SIHC-F0330	4 u
F0800	---	---	PF-25SIHC-F0800	1 u	PF-50SIHC-F0800	1 u
F1600	---	---	PF-25SIHC-F1600	1 u	PF-50SIHC-F1600	1 u
F3000	---	---	25SIHC-F3000	1 u	50SIHC-F3000	1 u



puriFlash® SI-HC - Jumbo pack

Flash columns	15 µm	Qty	25 µm	Qty	50 µm	Qty
F0004	PF-15SIHC-JP-F0004	80 u	PF-25SIHC-JP-F0004	160 u	PF-50SIHC-JP-F0004	160 u
F0012	PF-15SIHC-JP-F0012	80 u	PF-25SIHC-JP-F0012	120 u	PF-50SIHC-JP-F0012	120 u
F0025	PF-15SIHC-JP-F0025	48 u	PF-25SIHC-JP-F0025	100 u	PF-50SIHC-JP-F0025	100 u
F0040	PF-15SIHC-JP-F0040	48 u	PF-25SIHC-JP-F0040	80 u	PF-50SIHC-JP-F0040	80 u
F0080	PF-15SIHC-JP-F0080	16 u	PF-25SIHC-JP-F0080	40 u	PF-50SIHC-JP-F0080	40 u
F0120	PF-15SIHC-JP-F0120	16 u	PF-25SIHC-JP-F0120	32 u	PF-50SIHC-JP-F0120	32 u
F0220	PF-15SIHC-JP-F0220	8 u	PF-25SIHC-JP-F0220	16 u	PF-50SIHC-JP-F0220	16 u
F0330	PF-15SIHC-JP-F0330	8 u	PF-25SIHC-JP-F0330	16 u	PF-50SIHC-JP-F0330	16 u
F0800	---	---	PF-25SIHC-JP-F0800	4 u	PF-50SIHC-JP-F0800	4 u
F1600	---	---	PF-25SIHC-JP-F1600	4 u	PF-50SIHC-JP-F1600	4 u

APPLICATION AREA	
HPLC	○
Prep-LC	○
Flash	●

Single use columns
General application:
Non-ionic & polar organic molecules

Notes: influence of water content of silica.
The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification
Flash: Silica gel for TLC = 6 - 6.5%
Spherical silica gel for Flash <or = 2.0%

Uptisphere® Strategy™ SI

Prep-LC columns	5 µm	Qty	10 µm	Qty
250 x 4.6 mm	US5SI-250/P46	1 u	US10SI-250/P46	1 u
150 x 10.0 mm	US5SI-150/100	1 u	US10SI-150/100	1 u
250 x 10.0 mm	US5SI-250/100	1 u	US10SI-250/100	1 u
50 x 21.2 mm	US5SI-050/212	1 u	US10SI-050/212	1 u
100 x 21.2 mm	US5SI-100/212	1 u	US10SI-100/212	1 u
150 x 21.2 mm	US5SI-150/212	1 u	US10SI-150/212	1 u
250 x 21.2 mm	US5SI-250/212	1 u	US10SI-250/212	1 u
50 x 30.0 mm	US5SI-050/300	1 u	US10SI-050/300	1 u
100 x 30.0 mm	US5SI-100/300	1 u	US10SI-100/300	1 u
150 x 30.0 mm	US5SI-150/300	1 u	US10SI-150/300	1 u
250 x 30.0 mm	US5SI-250/300	1 u	US10SI-250/300	1 u
50 x 50.0 mm	US5SI-050/500	1 u	US10SI-050/500	1 u
250 x 50.0 mm	US5SI-250/500	1 u	US10SI-250/500	1 u

APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	○

Single use columns
General application:
Non-ionic & polar organic molecules

Notes: influence of water content of silica.
The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification
Flash: Silica gel for TLC = 6 - 6.5%
Spherical silica gel for Flash <or = 2.0%



LC PURIFICATION

Stationary phase - Normal mode



puriFlash® SI-AgNO₃

60 Å - 500 m²/g
50 µm
pH stability: 1.5 to 6.5
Purification of
cis/trans stero-isomers

APPLICATION AREA

HPLC
PrepLC
Flash

Single use columns

General application:
Non-ionic & polar organic molecules



ALN - Neutral

60 Å - 200 m²/g
32/63 µm
pH stability: 1.0 to 12.0
Natural products, Essential oils,
Antibiotics, Vitamins, Alkaloids...

APPLICATION AREA

HPLC
PrepLC
Flash

Single use columns

General application:
Non-ionic & polar organic molecules

puriFlash® SI-AgNO₃

Flash columns	50 µm	Qty
F0004	PF-50SIAG-F0004	25 u
F0012	PF-50SIAG-F0012	12 u
F0025	PF-50SIAG-F0025	12 u
F0040	PF-50SIAG-F0040	8 u
F0080	PF-50SIAG-F0080	4 u
F0120	PF-50SIAG-F0120	2 u
F0220	PF-50SIAG-F0220	1 u
F0330	PF-50SIAG-F0330	1 u
F0800	PF-50SIAG-F0800	1 u
F1600	PF-50SIAG-F1600	1 u

Notes: influence of water content of silica.

The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification

Flash: Silica gel for TLC = 6 - 6.5%

Spherical silica gel for Flash <or = 2.0%

puriFlash® ALN-Neutral

Flash columns	32/63 µm	Qty
F0001	SC-ALN-F0001	25 u
F0004	PF-ALN-F0004	8 u
F0012	PF-ALN-F0012	4 u
F0025	PF-ALN-F0025	4 u
F0040	PF-ALN-F0040	4 u
F0080	PF-ALN-F0080	2 u
F0120	PF-ALN-F0120	2 u
F0220	PF-ALN-F0220	2 u
F0330	PF-ALN-F0330	1 u
F0800	PF-ALN-F0800	1 u
F1600	PF-ALN-F1600	1 u

Notes: influence of water content of silica.

The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification

Flash: Silica gel for TLC = 6 - 6.5%

Spherical silica gel for Flash <or = 2.0%



puriFlash® ALB - Basique

Flash columns	32/63 µm	Qty
F0004	PF-ALB-F0004	8 u
F0012	PF-ALB-F0012	4 u
F0025	PF-ALB-F0025	4 u
F0040	PF-ALB-F0040	4 u
F0080	PF-ALB-F0080	2 u
F0120	PF-ALB-F0120	2 u
F0220	PF-ALB-F0220	2 u
F0330	PF-ALB-F0330	1 u
F0800	PF-ALB-F0800	1 u
F1600	PF-ALB-F1600	1 u

Notes: influence of water content of silica.

The water contents are different between the silica gels used to make the TLC plates and the same materials used to make the spherical silica gels for purification

Flash: Silica gel for TLC = 6 - 6.5%

Spherical silica gel for Flash <or = 2.0%

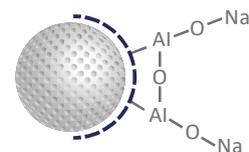
Reverse phase

puriFlash® C18-STD

Flash columns	50 µm	Qty
F0004	IR-50C18-F0004	4 u
F0012	IR-50C18-F0012	2 u
F0025	IR-50C18-F0025	1 u
F0040	IR-50C18-F0040	1 u
F0080	IR-50C18-F0080	1 u
F0120	IR-50C18-F0120	1 u
F0220	IR-50C18-F0220	1 u
F0330	IR-50C18-F0330	1 u
F0800	IR-50C18-F0800	1 u
F1600	IR-50C18-F1600	1 u
F5000	IR-50C18-F5000	1 u
F10K	IR-50C18-F10K	1 u

Uptisphere® Strategy™ C18-HQ

Flash columns	15 µm	Qty
F0001	SC-15C18HQ-F0001	25 u
F0004	PF-15C18HQ-F0004	4 u
F0012	PF-15C18HQ-F0012	2 u
F0025	PF-15C18HQ-F0025	1 u
F0040	PF-15C18HQ-F0040	1 u
F0080	PF-15C18HQ-F0080	1 u
F0120	PF-15C18HQ-F0120	1 u
F0220	PF-15C18HQ-F0220	1 u
F0330	PF-15C18HQ-F0330	1 u



ALB - Basic

60 Å - 200 m²/g

32/63 µm

pH stability: 1.0 to 12.0

Extraction of plants, purification
organic solvents, Alkaloids...

APPLICATION AREA

HPIC	○
Prep-LC	○
Flash	●

Single use columns

General application:

Non-ionic & polar organic molecules

APPLICATION AREA

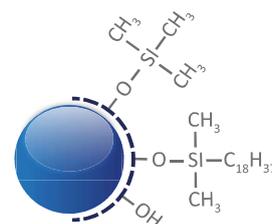
HPIC	○
Prep-LC	○
Flash	●

USP code : L1

Reusable column

General application:

Medium and high apolar organic compounds



Uptisphere® Strategy™ C18-HQ

100 Å - 425 m²/g

1.7, 2.2, 3, 5, 10, 15 µm

C18 Mono-functional
%C: 19

End-capping: Multi-step
pH stability: 1.0 to 10.0

Suitable for many pharmaceutical
applications and routine methods.
Its specific surface area of 425m²/g
gives it a high loading capacity.



LC PURIFICATION

Stationary phase - Reverse mode

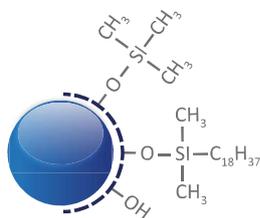
APPLICATION AREA

HPLC ●
Prep-LC ●
Flash ●

USP code: L1

Reusable column

General application:
Medium and high apolar organic compounds



puriFlash® C18-HP

100 Å - 300 m²/g
5, 10, 15, 30 & 50 µm
C18 Mono-functional
%C: 16,5

End-capping: One-step
pH stability: 1.5 to 7.5

Suitable for multiple pharmaceutical
applications.

This is an excellent choice for routine
reverse phase purifications.

APPLICATION AREA

HPLC ●
Prep-LC ●
Flash ●

USP code: L1

Reusable column

General application:
Medium and high apolar organic compounds

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	US5C18HQ-250/P46	1 u	US10C18HQ-250/P46	1 u	US15C18HQ-250/P46	1 u
150 x 10.0 mm	US5C18HQ-150/100	1 u	US10C18HQ-150/100	1 u	US15C18HQ-150/100	1 u
250 x 10.0 mm	US5C18HQ-250/100	1 u	US10C18HQ-250/100	1 u	US15C18HQ-250/100	1 u
50 x 21.2 mm	US5C18HQ-050/212	1 u	US10C18HQ-050/212	1 u	US15C18HQ-050/212	1 u
100 x 21.2 mm	US5C18HQ-100/212	1 u	US10C18HQ-100/212	1 u	US15C18HQ-100/212	1 u
150 x 21.2 mm	US5C18HQ-150/212	1 u	US10C18HQ-150/212	1 u	US15C18HQ-150/212	1 u
250 x 21.2 mm	US5C18HQ-250/212	1 u	US10C18HQ-250/212	1 u	US15C18HQ-250/212	1 u
50 x 30.0 mm	US5C18HQ-050/300	1 u	US10C18HQ-050/300	1 u	US15C18HQ-050/300	1 u
100 x 30.0 mm	US5C18HQ-100/300	1 u	US10C18HQ-100/300	1 u	US15C18HQ-100/300	1 u
150 x 30.0 mm	US5C18HQ-150/300	1 u	US10C18HQ-150/300	1 u	US15C18HQ-150/300	1 u
250 x 30.0 mm	US5C18HQ-250/300	1 u	US10C18HQ-250/300	1 u	US15C18HQ-250/300	1 u
50 x 50.0 mm	US5C18HQ-050/500	1 u	US10C18HQ-050/500	1 u	US15C18HQ-050/500	1 u
250 x 50.0 mm	US5C18HQ-250/500	1 u	US10C18HQ-250/500	1 u	US15C18HQ-250/500	1 u

puriFlash® C18-HP

Flash columns	15 µm	Qty	30 µm	Qty	50 µm	Qty
F0001	SC-15C18HP-F0001	25 u	---	---	---	---
F0004	PF-15C18HP-F0004	4 u	PF-30C18HP-F0004	4 u	PF-50C18HP-F0004	4 u
F0012	PF-15C18HP-F0012	2 u	PF-30C18HP-F0012	2 u	PF-50C18HP-F0012	2 u
F0025	PF-15C18HP-F0025	1 u	PF-30C18HP-F0025	1 u	PF-50C18HP-F0025	1 u
F0040	PF-15C18HP-F0040	1 u	PF-30C18HP-F0040	1 u	PF-50C18HP-F0040	1 u
F0080	PF-15C18HP-F0080	1 u	PF-30C18HP-F0080	1 u	PF-50C18HP-F0080	1 u
F0120	PF-15C18HP-F0120	1 u	PF-30C18HP-F0120	1 u	PF-50C18HP-F0120	1 u
F0220	PF-15C18HP-F0220	1 u	PF-30C18HP-F0220	1 u	PF-50C18HP-F0220	1 u
F0330	PF-15C18HP-F0330	1 u	PF-30C18HP-F0330	1 u	PF-50C18HP-F0330	1 u
F0800	---	---	PF-30C18HP-F0800	1 u	PF-50C18HP-F0800	1 u
F1600	---	---	PF-30C18HP-F1600	1 u	PF-50C18HP-F1600	1 u
F3000	---	---	PF-30C18HP-F3000	1 u	PF-50C18HP-F3000	1 u
F5000	---	---	PF-30C18HP-F5000	1 u	PF-50C18HP-F5000	1 u
F10K	---	---	PF-30C18HP-F10K	1 u	PF-50C18HP-F10K	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	PF5C18HP-250/P46	1 u	PF10C18HP-250/P46	1 u	PF15C18HP-250/P46	1 u
150 x 10.0 mm	PF5C18HP-150/100	1 u	PF10C18HP-150/100	1 u	PF15C18HP-150/100	1 u
250 x 10.0 mm	PF5C18HP-250/100	1 u	PF10C18HP-250/100	1 u	PF15C18HP-250/100	1 u
50 x 21.2 mm	PF5C18HP-050/212	1 u	PF10C18HP-050/212	1 u	PF15C18HP-050/212	1 u
100 x 21.2 mm	PF5C18HP-100/212	1 u	PF10C18HP-100/212	1 u	PF15C18HP-100/212	1 u
150 x 21.2 mm	PF5C18HP-150/212	1 u	PF10C18HP-150/212	1 u	PF15C18HP-150/212	1 u
250 x 21.2 mm	PF5C18HP-250/212	1 u	PF10C18HP-250/212	1 u	PF15C18HP-250/212	1 u
50 x 30.0 mm	PF5C18HP-050/300	1 u	PF10C18HP-050/300	1 u	PF15C18HP-050/300	1 u
100 x 30.0 mm	PF5C18HP-100/300	1 u	PF10C18HP-100/300	1 u	PF15C18HP-100/300	1 u
150 x 30.0 mm	PF5C18HP-150/300	1 u	PF10C18HP-150/300	1 u	PF15C18HP-150/300	1 u
250 x 30.0 mm	PF5C18HP-250/300	1 u	PF10C18HP-250/300	1 u	PF15C18HP-250/300	1 u
50 x 50.0 mm	PF5C18HP-050/500	1 u	PF10C18HP-050/500	1 u	PF15C18HP-050/500	1 u
250 x 50.0 mm	PF5C18HP-250/500	1 u	PF10C18HP-250/500	1 u	PF15C18HP-250/500	1 u



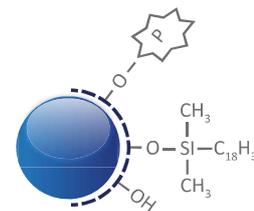
puriFlash® C18-AQ

Flash columns	15 µm	Qty	30 µm	Qty
F0001	SC-15C18AQ-F0001	25 u	---	---
F0004	PF-15C18AQ-F0004	4 u	PF-30C18AQ-F0004	4 u
F0012	PF-15C18AQ-F0012	2 u	PF-30C18AQ-F0012	2 u
F0025	PF-15C18AQ-F0025	1 u	PF-30C18AQ-F0025	1 u
F0040	PF-15C18AQ-F0040	1 u	PF-30C18AQ-F0040	1 u
F0080	PF-15C18AQ-F0080	1 u	PF-30C18AQ-F0080	1 u
F0120	PF-15C18AQ-F0120	1 u	PF-30C18AQ-F0120	1 u
F0220	PF-15C18AQ-F0220	1 u	PF-30C18AQ-F0220	1 u
F0330	PF-15C18AQ-F0330	1 u	PF-30C18AQ-F0330	1 u
F0800	---	---	PF-30C18AQ-F0800	1 u
F1600	---	---	PF-30C18AQ-F1600	1 u
F3000	---	---	PF-30C18AQ-F3000	1 u
F5000	---	---	PF-30C18AQ-F5000	1 u
F10K	---	---	PF-30C18AQ-F10K	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	PF5C18AQ-250/P46	1 u	PF10C18AQ-250/P46	1 u	PF15C18AQ-250/P46	1 u
150 x 10.0 mm	PF5C18AQ-150/100	1 u	PF10C18AQ-150/100	1 u	PF15C18AQ-150/100	1 u
250 x 10.0 mm	PF5C18AQ-250/100	1 u	PF10C18AQ-250/100	1 u	PF15C18AQ-250/100	1 u
50 x 21.2 mm	PF5C18AQ-050/212	1 u	PF10C18AQ-050/212	1 u	PF15C18AQ-050/212	1 u
100 x 21.2 mm	PF5C18AQ-100/212	1 u	PF10C18AQ-100/212	1 u	PF15C18AQ-100/212	1 u
150 x 21.2 mm	PF5C18AQ-150/212	1 u	PF10C18AQ-150/212	1 u	PF15C18AQ-150/212	1 u
250 x 21.2 mm	PF5C18AQ-250/212	1 u	PF10C18AQ-250/212	1 u	PF15C18AQ-250/212	1 u
50 x 30.0 mm	PF5C18AQ-050/300	1 u	PF10C18AQ-050/300	1 u	PF15C18AQ-050/300	1 u
100 x 30.0 mm	PF5C18AQ-100/300	1 u	PF10C18AQ-100/300	1 u	PF15C18AQ-100/300	1 u
150 x 30.0 mm	PF5C18AQ-150/300	1 u	PF10C18AQ-150/300	1 u	PF15C18AQ-150/300	1 u
250 x 30.0 mm	PF5C18AQ-250/300	1 u	PF10C18AQ-250/300	1 u	PF15C18AQ-250/300	1 u
50 x 50.0 mm	PF5C18AQ-050/500	1 u	PF10C18AQ-050/500	1 u	PF15C18AQ-050/500	1 u
250 x 50.0 mm	PF5C18AQ-250/500	1 u	PF10C18AQ-250/500	1 u	PF15C18AQ-250/500	1 u

puriFlash® RP-AQ

Flash columns	15 µm	Qty	30 µm	Qty
F0001	SC-15RPAQ-F0001	25 u	---	---
F0004	PF-15RPAQ-F0004	4 u	PF-30RPAQ-F0004	4 u
F0012	PF-15RPAQ-F0012	2 u	PF-30RPAQ-F0012	2 u
F0025	PF-15RPAQ-F0025	1 u	PF-30RPAQ-F0025	1 u
F0040	PF-15RPAQ-F0040	1 u	PF-30RPAQ-F0040	1 u
F0080	PF-15RPAQ-F0080	1 u	PF-30RPAQ-F0080	1 u
F0120	PF-15RPAQ-F0120	1 u	PF-30RPAQ-F0120	1 u
F0220	PF-15RPAQ-F0220	1 u	PF-30RPAQ-F0220	1 u
F0330	PF-15RPAQ-F0330	1 u	PF-30RPAQ-F0330	1 u
F0800	---	---	PF-30RPAQ-F0800	1 u



puriFlash® C18-AQ

100 Å - 300 m²/g
5, 10, 15 & 30 µm
C18 Mono-functional
%C: 14

End-capping: Mixte
pH stability: 2.0 to 7.5
The bonding chemistry makes it possible to start the gradient at 100% water. Suitable for the separation and purification of moderately polar and non-polar molecules.

APPLICATION AREA

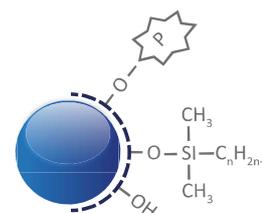
HPIC
Prep-LC
Flash

USP code: L1

Reusable column

General application:

Medium and high apolar organic compounds



puriFlash® RP-AQ

60 Å - 500 m²/g
15 & 30 µm
RP-alkyl
%C: 6

End-capping: Mixte
pH stability: 2.0 to 7.5
The bonding chemistry makes it possible to start the gradient at 100% water. Suitable for the separation and purification of strongly and moderately polar molecules. Compared to a C18, the peaks are eluted earlier from the beginning of the gradient.



LC PURIFICATION

Stationary phase - Reverse mode

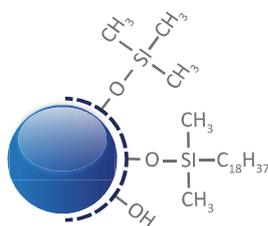
APPLICATION AREA

HPLC
Prep-LC
Flash

USP code: L1

Reusable column

General application:
Medium and high apolar organic compounds



puriFlash® C18-XS

100 Å - 300 m²/g

5, 10, 15 & 30 µm

C18 Mono-functional

%C: 17

End-capping: Multi-step
pH stability: 1 to 10.0

The proprietary end-capping multi-step technology ensures stability under high pH conditions, up to 10.

It is an excellent phase for the complete separation of basic molecules.

APPLICATION AREA

HPLC
Prep-LC
Flash

USP code: L1

Reusable column

General application:
Medium and high apolar organic compounds

Prep-LC columns	15 µm	Qty
250 x 4.6 mm	PF15RPAQ-250/P46	1 u
150 x 10.0 mm	PF15RPAQ-150/100	1 u
250 x 10.0 mm	PF15RPAQ-250/100	1 u
50 x 21.2 mm	PF15RPAQ-050/212	1 u
100 x 21.2 mm	PF15RPAQ-100/212	1 u
150 x 21.2 mm	PF15RPAQ-150/212	1 u
250 x 21.2 mm	PF15RPAQ-250/212	1 u
50 x 30.0 mm	PF15RPAQ-050/300	1 u
100 x 30.0 mm	PF15RPAQ-100/300	1 u
150 x 30.0 mm	PF15RPAQ-150/300	1 u
250 x 30.0 mm	PF15RPAQ-250/300	1 u
50 x 50.0 mm	PF15RPAQ-050/500	1 u
250 x 50.0 mm	PF15RPAQ-250/500	1 u

puriFlash® C18-XS

Flash columns	15 µm	Qty	30 µm	Qty
F0001	SC-15C18XS-F0001	25 u	---	---
F0004	PF-15C18XS-F0004	4 u	PF-30C18XS-F0004	4 u
F0012	PF-15C18XS-F0012	2 u	PF-30C18XS-F0012	2 u
F0025	PF-15C18XS-F0025	1 u	PF-30C18XS-F0025	1 u
F0040	PF-15C18XS-F0040	1 u	PF-30C18XS-F0040	1 u
F0080	PF-15C18XS-F0080	1 u	PF-30C18XS-F0080	1 u
F0120	PF-15C18XS-F0120	1 u	PF-30C18XS-F0120	1 u
F0220	PF-15C18XS-F0220	1 u	PF-30C18XS-F0220	1 u
F0330	PF-15C18XS-F0330	1 u	PF-30C18XS-F0330	1 u
F0800	---	---	PF-30C18XS-F0800	1 u
F1600	---	---	PF-30C18XS-F1600	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	PF5C18XS-250/P46	1 u	PF10C18XS-250/P46	1 u	PF15C18XS-250/P46	1 u
150 x 10.0 mm	PF5C18XS-150/100	1 u	PF10C18XS-150/100	1 u	PF15C18XS-150/100	1 u
250 x 10.0 mm	PF5C18XS-250/100	1 u	PF10C18XS-250/100	1 u	PF15C18XS-250/100	1 u
50 x 21.2 mm	PF5C18XS-050/212	1 u	PF10C18XS-050/212	1 u	PF15C18XS-050/212	1 u
100 x 21.2 mm	PF5C18XS-100/212	1 u	PF10C18XS-100/212	1 u	PF15C18XS-100/212	1 u
150 x 21.2 mm	PF5C18XS-150/212	1 u	PF10C18XS-150/212	1 u	PF15C18XS-150/212	1 u
250 x 21.2 mm	PF5C18XS-250/212	1 u	PF10C18XS-250/212	1 u	PF15C18XS-250/212	1 u
50 x 30.0 mm	PF5C18XS-050/300	1 u	PF10C18XS-050/300	1 u	PF15C18XS-050/300	1 u
100 x 30.0 mm	PF5C18XS-100/300	1 u	PF10C18XS-100/300	1 u	PF15C18XS-100/300	1 u
150 x 30.0 mm	PF5C18XS-150/300	1 u	PF10C18XS-150/300	1 u	PF15C18XS-150/300	1 u
250 x 30.0 mm	PF5C18XS-250/300	1 u	PF10C18XS-250/300	1 u	PF15C18XS-250/300	1 u
50 x 50.0 mm	PF5C18XS-050/500	1 u	PF10C18XS-050/500	1 u	PF15C18XS-050/500	1 u
250 x 50.0 mm	PF5C18XS-250/500	1 u	PF10C18XS-250/500	1 u	PF15C18XS-250/500	1 u



Uptisphere® Strategy™ C18-3

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	US5C183-250/P46	1 u	US10C183-250/P46	1 u	US15C183-250/P46	1 u
150 x 10.0 mm	US5C183-150/100	1 u	US10C183-150/100	1 u	US15C183-150/100	1 u
250 x 10.0 mm	US5C183-250/100	1 u	US10C183-250/100	1 u	US15C183-250/100	1 u
50 x 21.2 mm	US5C183-050/212	1 u	US10C183-050/212	1 u	US15C183-050/212	1 u
100 x 21.2 mm	US5C183-100/212	1 u	US10C183-100/212	1 u	US15C183-100/212	1 u
150 x 21.2 mm	US5C183-150/212	1 u	US10C183-150/212	1 u	US15C183-150/212	1 u
250 x 21.2 mm	US5C183-250/212	1 u	US10C183-250/212	1 u	US15C183-250/212	1 u
50 x 30.0 mm	US5C183-050/300	1 u	US10C183-050/300	1 u	US15C183-050/300	1 u
100 x 30.0 mm	US5C183-100/300	1 u	US10C183-100/300	1 u	US15C183-100/300	1 u
150 x 30.0 mm	US5C183-150/300	1 u	US10C183-150/300	1 u	US15C183-150/300	1 u
250 x 30.0 mm	US5C183-250/300	1 u	US10C183-250/300	1 u	US15C183-250/300	1 u
50 x 50.0 mm	US5C183-050/500	1 u	US10C183-050/500	1 u	US15C183-050/500	1 u
250 x 50.0 mm	US5C183-250/500	1 u	US10C183-250/500	1 u	US15C183-250/500	1 u

Uptisphere® Strategy™ C18-RP

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	US5RP-250/P46	1 u	US10RP-250/P46	1 u	US15RP-250/P46	1 u
150 x 10.0 mm	US5RP-150/100	1 u	US10RP-150/100	1 u	US15RP-150/100	1 u
250 x 10.0 mm	US5RP-250/100	1 u	US10RP-250/100	1 u	US15RP-250/100	1 u
50 x 21.2 mm	US5RP-050/212	1 u	US10RP-050/212	1 u	US15RP-050/212	1 u
100 x 21.2 mm	US5RP-100/212	1 u	US10RP-100/212	1 u	US15RP-100/212	1 u
150 x 21.2 mm	US5RP-150/212	1 u	US10RP-150/212	1 u	US15RP-150/212	1 u
250 x 21.2 mm	US5RP-250/212	1 u	US10RP-250/212	1 u	US15RP-250/212	1 u
50 x 30.0 mm	US5RP-050/300	1 u	US10RP-050/300	1 u	US15RP-050/300	1 u
100 x 30.0 mm	US5RP-100/300	1 u	US10RP-100/300	1 u	US15RP-100/300	1 u
150 x 30.0 mm	US5RP-150/300	1 u	US10RP-150/300	1 u	US15RP-150/300	1 u
250 x 30.0 mm	US5RP-250/300	1 u	US10RP-250/300	1 u	US15RP-250/300	1 u
50 x 50.0 mm	US5RP-050/500	1 u	US10RP-050/500	1 u	US15RP-050/500	1 u
250 x 50.0 mm	US5RP-250/500	1 u	US10RP-250/500	1 u	US15RP-250/500	1 u

Uptisphere® Strategy™ C18-NEC

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	UP5NEP-250/P46	1 u	UP10NEP-250/P46	1 u	UP15NEP-250/P46	1 u
150 x 10.0 mm	UP5NEP-150/100	1 u	UP10NEP-150/100	1 u	UP15NEP-150/100	1 u
250 x 10.0 mm	UP5NEP-250/100	1 u	UP10NEP-250/100	1 u	UP15NEP-250/100	1 u
50 x 21.2 mm	UP5NEP-050/212	1 u	UP10NEP-050/212	1 u	UP15NEP-050/212	1 u
100 x 21.2 mm	UP5NEP-100/212	1 u	UP10NEP-100/212	1 u	UP15NEP-100/212	1 u
150 x 21.2 mm	UP5NEP-150/212	1 u	UP10NEP-150/212	1 u	UP15NEP-150/212	1 u
250 x 21.2 mm	UP5NEP-250/212	1 u	UP10NEP-250/212	1 u	UP15NEP-250/212	1 u
50 x 30.0 mm	UP5NEP-050/300	1 u	UP10NEP-050/300	1 u	UP15NEP-050/300	1 u
100 x 30.0 mm	UP5NEP-100/300	1 u	UP10NEP-100/300	1 u	UP15NEP-100/300	1 u
150 x 30.0 mm	UP5NEP-150/300	1 u	UP10NEP-150/300	1 u	UP15NEP-150/300	1 u
250 x 30.0 mm	UP5NEP-250/300	1 u	UP10NEP-250/300	1 u	UP15NEP-250/300	1 u
50 x 50.0 mm	UP5NEP-050/500	1 u	UP10NEP-050/500	1 u	UP15NEP-050/500	1 u
250 x 50.0 mm	UP5NEP-250/500	1 u	UP10NEP-250/500	1 u	UP15NEP-250/500	1 u

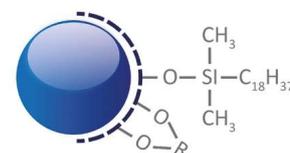
APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	○

USP code: L1

Reusable column

General application:

Medium and high apolar organic compounds



Uptisphere® Strategy™
C18-RP

APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	○

USP code: L1

Reusable column

General application:

Medium and high apolar organic compounds

APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	○

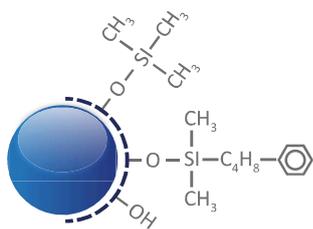
USP code: L1

Reusable column

General application:

Medium and high apolar organic compounds





Uptisphere® Strategy™ PHC4

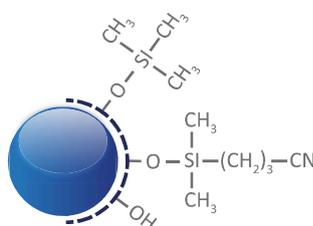
100 Å - 300 m²/g
2.2, 3, 5, 10, 15 μm
PH C4 Mono-functional
%C: 12

End-capping: One-step
pH stability: 1.5 to 7.5

Very selective for compounds having
aromatic rings
and moderately polar compounds.

APPLICATION AREA

HPLC
Prep-LC
Flash



puriFlash® CN

60 Å - 500 m²/g
15 & 50 μm
CN Mono-functional
%C: 5

End-capping: One-step
pH stability: 1.5 to 7.5

Used in normal mode to purify polar
compounds and in reverse mode for
moderately polar.

APPLICATION AREA

HPLC
Prep-LC
Flash

Reverse phase

Uptisphere® Strategy™ PHC4

Flash columns	15 μm	Qty
F0001	SC-15PHC4-F0001	25 u
F0004	PF-15PHC4-F0004	4 u
F0012	PF-15PHC4-F0012	2 u
F0025	PF-15PHC4-F0025	1 u
F0040	PF-15PHC4-F0040	1 u
F0080	PF-15PHC4-F0080	1 u
F0120	PF-15PHC4-F0120	1 u
F0220	PF-15PHC4-F0220	1 u
F0330	PF-15PHC4-F0330	1 u

Prep-LC columns	5 μm	Qty	10 μm	Qty	15 μm	Qty
250 x 4.6 mm	US5PHC4-250/P46	1 u	US10PHC4-250/P46	1 u	US15PHC4-250/P46	1 u
150 x 10.0 mm	US5PHC4-150/100	1 u	US10PHC4-150/100	1 u	US15PHC4-150/100	1 u
250 x 10.0 mm	US5PHC4-250/100	1 u	US10PHC4-250/100	1 u	US15PHC4-250/100	1 u
50 x 21.2 mm	US5PHC4-050/212	1 u	US10PHC4-050/212	1 u	US15PHC4-050/212	1 u
100 x 21.2 mm	US5PHC4-100/212	1 u	US10PHC4-100/212	1 u	US15PHC4-100/212	1 u
150 x 21.2 mm	US5PHC4-150/212	1 u	US10PHC4-150/212	1 u	US15PHC4-150/212	1 u
250 x 21.2 mm	US5PHC4-250/212	1 u	US10PHC4-250/212	1 u	US15PHC4-250/212	1 u
50 x 30.0 mm	US5PHC4-050/300	1 u	US10PHC4-050/300	1 u	US15PHC4-050/300	1 u
100 x 30.0 mm	US5PHC4-100/300	1 u	US10PHC4-100/300	1 u	US15PHC4-100/300	1 u
150 x 30.0 mm	US5PHC4-150/300	1 u	US10PHC4-150/300	1 u	US15PHC4-150/300	1 u
250 x 30.0 mm	US5PHC4-250/300	1 u	US10PHC4-250/300	1 u	US15PHC4-250/300	1 u
50 x 50.0 mm	US5PHC4-050/500	1 u	US10PHC4-050/500	1 u	US15PHC4-050/500	1 u
250 x 50.0 mm	US5PHC4-250/500	1 u	US10PHC4-250/500	1 u	US15PHC4-250/500	1 u

Reverse phase / normal

puriFlash® CN

Flash columns	15 μm	Qty	50 μm	Qty
F0004	PF-15CN-F0004	4 u	PF-50CN-F0004	4 u
F0012	PF-15CN-F0012	2 u	PF-50CN-F0012	2 u
F0025	PF-15CN-F0025	1 u	PF-50CN-F0025	1 u
F0040	PF-15CN-F0040	1 u	PF-50CN-F0040	1 u
F0080	PF-15CN-F0080	1 u	PF-50CN-F0080	1 u
F0120	PF-15CN-F0120	1 u	PF-50CN-F0120	1 u
F0220	PF-15CN-F0220	1 u	PF-50CN-F0220	1 u
F0330	PF-15CN-F0330	1 u	PF-50CN-F0330	1 u
F0800	–	–	PF-50CN-F0800	1 u
F1600	–	–	PF-50CN-F1600	1 u



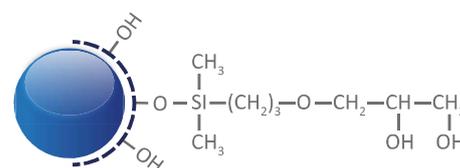
Uptisphere® CN

Prep-LC columns	5 µm	Qty	10 µm	Qty
250 x 4.6 mm	UP5CN-250/P46	1 u	UP10CN-250/P46	1 u
150 x 10.0 mm	UP5CN-150/100	1 u	UP10CN-150/100	1 u
250 x 10.0 mm	UP5CN-250/100	1 u	UP10CN-250/100	1 u
50 x 21.2 mm	UP5CN-050/212	1 u	UP10CN-050/212	1 u
100 x 21.2 mm	UP5CN-100/212	1 u	UP10CN-100/212	1 u
150 x 21.2 mm	UP5CN-150/212	1 u	UP10CN-150/212	1 u
250 x 21.2 mm	UP5CN-250/212	1 u	UP10CN-250/212	1 u
50 x 30.0 mm	UP5CN-050/300	1 u	UP10CN-050/300	1 u
100 x 30.0 mm	UP5CN-100/300	1 u	UP10CN-100/300	1 u
150 x 30.0 mm	UP5CN-150/300	1 u	UP10CN-150/300	1 u
250 x 30.0 mm	UP5CN-250/300	1 u	UP10CN-250/300	1 u
50 x 50.0 mm	UP5CN-050/500	1 u	UP10CN-050/500	1 u
250 x 50.0 mm	UP5CN-250/500	1 u	UP10CN-250/500	1 u

APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	○

Normal phase / Hilic puriFlash® Diol

Flash columns	15 µm	Qty	30 µm	Qty	50 µm	Qty
F0004	PF-15DIOL-F0004	4 u	PF-30DIOL-F0004	4 u	PF-50DIOL-F0004	4 u
F0012	PF-15DIOL-F0012	2 u	PF-30DIOL-F0012	2 u	PF-50DIOL-F0012	2 u
F0025	PF-15DIOL-F0025	1 u	PF-30DIOL-F0025	1 u	PF-50DIOL-F0025	1 u
F0040	PF-15DIOL-F0040	1 u	PF-30DIOL-F0040	1 u	PF-50DIOL-F0040	1 u
F0080	PF-15DIOL-F0080	1 u	PF-30DIOL-F0080	1 u	PF-50DIOL-F0080	1 u
F0120	PF-15DIOL-F0120	1 u	PF-30DIOL-F0120	1 u	PF-50DIOL-F0120	1 u
F0220	PF-15DIOL-F0220	1 u	PF-30DIOL-F0220	1 u	PF-50DIOL-F0220	1 u
F0330	PF-15DIOL-F0330	1 u	PF-30DIOL-F0330	1 u	PF-50DIOL-F0330	1 u
F0800	—	—	PF-30DIOL-F08000	1 u	PF-50DIOL-F0800	1 u
F1600	—	—	PF-30DIOL-F1600	1 u	PF-50DIOL-F1600	1 u



puriFlash® Diol

60 Å - 500 m²/g
5, 10, 15, 30 & 50 µm
Diol Mono-functional
End-capping non
pH stability: 1.5 to 6.5

The Diol function imparts a globally neutral surface to the silica. Compared to a virgin silica, this grafted diol silica allows a better separation of the basic molecules in normal phase.

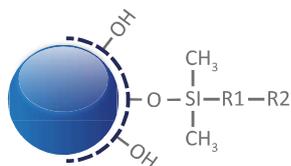
APPLICATION AREA	
HPLC	●
Prep-LC	●
Flash	●

USP code: L1

Reusable column

Prep-LC columns	6 µm	Qty	30 µm	Qty	50 µm	Qty
250 x 4.6 mm	PF-6HO-250/P46	1 u	PF10OH-250/P46	1 u	PF15OH-250/P46	1 u
150 x 10.0 mm	---	---	PF10OH-150/100	1 u	PF15OH-150/100	1 u
250 x 10.0 mm	---	---	PF10OH-250/100	1 u	PF15OH-250/100	1 u
50 x 21.2 mm	---	---	PF10OH-050/212	1 u	PF15OH-050/212	1 u
100 x 21.2 mm	---	---	PF10OH-100/212	1 u	PF15OH-100/212	1 u
150 x 21.2 mm	---	---	PF10OH-150/212	1 u	PF15OH-150/212	1 u
250 x 21.2 mm	---	---	PF10OH-250/212	1 u	PF15OH-250/212	1 u
50 x 30.0 mm	---	---	PF10OH-050/300	1 u	PF15OH-050/300	1 u
100 x 30.0 mm	---	---	PF10OH-100/300	1 u	PF15OH-100/300	1 u
150 x 30.0 mm	---	---	PF10OH-150/300	1 u	PF15OH-150/300	1 u
250 x 30.0 mm	---	---	PF10OH-250/300	1 u	PF15OH-250/300	1 u
50 x 50.0 mm	---	---	PF10OH-050/500	1 u	PF15OH-050/500	1 u
250 x 50.0 mm	---	---	PF10OH-250/500	1 u	PF15OH-250/500	1 u





Uptisphere® Strategy™ HILIC-HIA

100 Å - 300 m²/g
2.2, 3, 5, 10, 15 µm

Proprietary bonding & end-capping
pH stability: 2.0 to 7.0

Separation of highly polar water-soluble
molecules in Hilic mode.

Typical mobile phase: H₂O/ACN (> 70%).
ANP is an excellent alternative to reverse
phase purification for highly polar
compounds.

APPLICATION AREA

HPLC
PrepLC
Flash



Uptisphere® Strategy™ HILIC-HIT

APPLICATION AREA

HPLC
PrepLC
Flash



Hilic

Uptisphere® Strategy™ HILIC-HIA

Flash columns	15 µm	Qty
F0001	SC-15HIA-F0001	25 u
F0004	PF-15HIA-F0004	4 u
F0012	PF-15HIA-F0012	2 u
F0025	PF-15HIA-F0025	1 u
F0040	PF-15HIA-F0040	1 u
F0080	PF-15HIA-F0080	1 u
F0120	PF-15HIA-F0120	1 u
F0220	PF-15HIA-F0220	1 u
F0330	PF-15HIA-F0330	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	US5HIA-250/P46	1 u	US10HIA-250/P46	1 u	US15HIA-250/P46	1 u
150 x 10.0 mm	US5HIA-150/100	1 u	US10HIA-150/100	1 u	US15HIA-150/100	1 u
250 x 10.0 mm	US5HIA-250/100	1 u	US10HIA-250/100	1 u	US15HIA-250/100	1 u
50 x 21.2 mm	US5HIA-050/212	1 u	US10HIA-050/212	1 u	US15HIA-050/212	1 u
100 x 21.2 mm	US5HIA-100/212	1 u	US10HIA-100/212	1 u	US15HIA-100/212	1 u
150 x 21.2 mm	US5HIA-150/212	1 u	US10HIA-150/212	1 u	US15HIA-150/212	1 u
250 x 21.2 mm	US5HIA-250/212	1 u	US10HIA-250/212	1 u	US15HIA-250/212	1 u
50 x 30.0 mm	US5HIA-050/300	1 u	US10HIA-050/300	1 u	US15HIA-050/300	1 u
100 x 30.0 mm	US5HIA-100/300	1 u	US10HIA-100/300	1 u	US15HIA-100/300	1 u
150 x 30.0 mm	US5HIA-150/300	1 u	US10HIA-150/300	1 u	US15HIA-150/300	1 u
250 x 30.0 mm	US5HIA-250/300	1 u	US10HIA-250/300	1 u	US15HIA-250/300	1 u
50 x 50.0 mm	US5HIA-050/500	1 u	US10HIA-050/500	1 u	US15HIA-050/500	1 u
250 x 50.0 mm	US5HIA-250/500	1 u	US10HIA-250/500	1 u	US15HIA-250/500	1 u

Uptisphere® Strategy™ HILIC-HIT

Flash columns	15 µm	Qty
F0001	SC-15HIT-F0001	25 u
F0004	PF-15HIT-F0004	4 u
F0012	PF-15HIT-F0012	2 u
F0025	PF-15HIT-F0025	1 u
F0040	PF-15HIT-F0040	1 u
F0080	PF-15HIT-F0080	1 u
F0120	PF-15HIT-F0120	1 u
F0220	PF-15HIT-F0220	1 u
F0330	PF-15HIT-F0330	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	US5HIT-250/P46	1 u	US10HIT-250/P46	1 u	US15HIT-250/P46	1 u
150 x 10.0 mm	US5HIT-150/100	1 u	US10HIT-150/100	1 u	US15HIT-150/100	1 u
250 x 10.0 mm	US5HIT-250/100	1 u	US10HIT-250/100	1 u	US15HIT-250/100	1 u
50 x 21.2 mm	US5HIT-050/212	1 u	US10HIT-050/212	1 u	US15HIT-050/212	1 u
100 x 21.2 mm	US5HIT-100/212	1 u	US10HIT-100/212	1 u	US15HIT-100/212	1 u
150 x 21.2 mm	US5HIT-150/212	1 u	US10HIT-150/212	1 u	US15HIT-150/212	1 u
250 x 21.2 mm	US5HIT-250/212	1 u	US10HIT-250/212	1 u	US15HIT-250/212	1 u
50 x 30.0 mm	US5HIT-050/300	1 u	US10HIT-050/300	1 u	US15HIT-050/300	1 u
100 x 30.0 mm	US5HIT-100/300	1 u	US10HIT-100/300	1 u	US15HIT-100/300	1 u
150 x 30.0 mm	US5HIT-150/300	1 u	US10HIT-150/300	1 u	US15HIT-150/300	1 u
250 x 30.0 mm	US5HIT-250/300	1 u	US10HIT-250/300	1 u	US15HIT-250/300	1 u
50 x 50.0 mm	US5HIT-050/500	1 u	US10HIT-050/500	1 u	US15HIT-050/500	1 u
250 x 50.0 mm	US5HIT-250/500	1 u	US10HIT-250/500	1 u	US15HIT-250/500	1 u

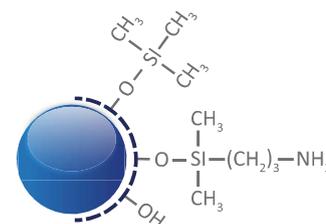
Normal phase / Ion exchange
puriFlash® NH₂

Flash columns	15 µm	Qty	30 µm	Qty	50 µm	Qty
F0004	PF-15NH2-F0004	4 u	PF-30NH2-F0004	4 u	PF-50NH2-F0004	4 u
F0012	PF-15NH2-F0012	2 u	PF-30NH2-F0012	2 u	PF-50NH2-F0012	2 u
F0025	PF-15NH2-F0025	1 u	PF-30NH2-F0025	1 u	PF-50NH2-F0025	1 u
F0040	PF-15NH2-F0040	1 u	PF-30NH2-F0040	1 u	PF-50NH2-F0040	1 u
F0080	PF-15NH2-F0080	1 u	PF-30NH2-F0080	1 u	PF-50NH2-F0080	1 u
F0120	PF-15NH2-F0120	1 u	PF-30NH2-F0120	1 u	PF-50NH2-F0120	1 u
F0220	PF-15NH2-F0220	1 u	PF-30NH2-F0220	1 u	PF-50NH2-F0220	1 u
F0330	PF-15NH2-F0330	1 u	PF-30NH2-F0330	1 u	PF-50NH2-F0330	1 u
F0800	---	---	PF-30NH2-F0800	1 u	PF-50NH2-F0800	1 u
F1600	---	---	PF-30NH2-F1600	1 u	PF-50NH2-F1600	1 u

Prep-LC columns	5 µm	Qty	10 µm	Qty	15 µm	Qty
250 x 4.6 mm	PF5NH2-250/P46	1 u	PF10NH2-250/P46	1 u	PF15NH2-250/P46	1 u
150 x 10.0 mm	PF5NH2-150/100	1 u	PF10NH2-150/100	1 u	PF15NH2-150/100	1 u
250 x 10.0 mm	PF5NH2-250/100	1 u	PF10NH2-250/100	1 u	PF15NH2-250/100	1 u
50 x 21.2 mm	PF5NH2-050/212	1 u	PF10NH2-050/212	1 u	PF15NH2-050/212	1 u
100 x 21.2 mm	PF5NH2-100/212	1 u	PF10NH2-100/212	1 u	PF15NH2-100/212	1 u
150 x 21.2 mm	PF5NH2-150/212	1 u	PF10NH2-150/212	1 u	PF15NH2-150/212	1 u
250 x 21.2 mm	PF5NH2-250/212	1 u	PF10NH2-250/212	1 u	PF15NH2-250/212	1 u
50 x 30.0 mm	PF5NH2-050/300	1 u	PF10NH2-050/300	1 u	PF15NH2-050/300	1 u
100 x 30.0 mm	PF5NH2-100/300	1 u	PF10NH2-100/300	1 u	PF15NH2-100/300	1 u
150 x 30.0 mm	PF5NH2-150/300	1 u	PF10NH2-150/300	1 u	PF15NH2-150/300	1 u
250 x 30.0 mm	PF5NH2-250/300	1 u	PF10NH2-250/300	1 u	PF15NH2-250/300	1 u
50 x 50.0 mm	PF5NH2-050/500	1 u	PF10NH2-050/500	1 u	PF15NH2-050/500	1 u
250 x 50.0 mm	PF5NH2-250/500	1 u	PF10NH2-250/500	1 u	PF15NH2-250/500	1 u

puriFlash® NH₂-HC

Flash columns	50 µm	Qty
F0004	PF-50NH2HC-F0004	4 u
F0012	PF-50NH2HC-F0012	2 u
F0025	PF-50NH2HC-F0025	1 u
F0040	PF-50NH2HC-F0040	1 u
F0080	PF-50NH2HC-F0080	1 u
F0120	PF-50NH2HC-F0120	1 u
F0220	PF-50NH2HC-F0220	1 u
F0330	PF-50NH2HC-F0330	1 u
F0800	PF-50NH2HC-F0800	1 u
F1600	PF-50NH2HC-F1600	1 u



puriFlash® NH₂

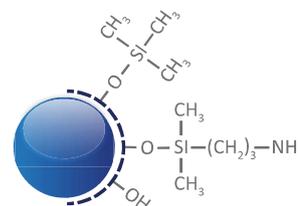
100 Å - 300 m²/g
5, 10, 15, 30 & 50 µm
Amino
%C: 4

End-capping: One-step
pH stability: 2 to 6.5

Can be both a weak anion
exchanger for strong acids or a
polar phase that can interact with the
OH, NH, SH ... functions.

APPLICATION AREA

HPLC
Prep-LC
Flash



puriFlash® NH₂-HC

60 Å - 680 m²/g
50 µm
Amino
%C: 4

End-capping: n.c
pH stability: 1.5 to 6.5

Can be both a weak anion
exchanger for strong acids or a
polar phase that can interact with
the OH, NH, SH ... functions.

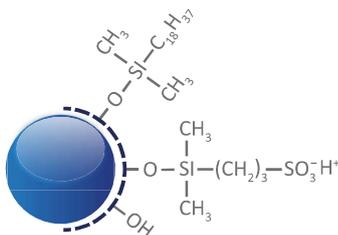
APPLICATION AREA

HPLC
Prep-LC
Flash



LC PURIFICATION

Stationary phase: MM1 - SCX - SAX - X - P6 - Carbon



puriFlash® MM1

100 Å - 400 m²/g
50 µm

RP alkyl / Strong ion exchange - SCX
0.1 meq/g

End-capping: One-step
pH stability: 1.0 to 7.5

The hydrophobic & ion exchange mixed bonding give a unique selectivity.

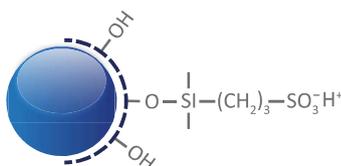
Compounds which have a basic function are retained by the ion exchanger. An organic solvent will elute the hydrophobic compounds.

Normal phase / Ion exchange puriFlash® MM1

Flash columns	50 µm	Qty
F0004	PF-50 MM1-F0004	4 u
F0012	PF-50 MM1-F0012	2 u
F0025	PF-50 MM1-F0025	1 u
F0040	PF-50 MM1-F0040	1 u
F0080	PF-50 MM1-F0080	1 u
F0120	PF-50 MM1-F0120	1 u
F0220	PF-50 MM1-F0220	1 u
F0330	PF-50 MM1-F0330	1 u
F0800	PF-50 MM1-F0800	1 u
F1600	PF-50 MM1-F1600	1 u

APPLICATION AREA

HPLC
Prep-LC
Flash



puriFlash® SCX

100 Å - 400 m²/g
50 µm

Strong ion exchange - SCX
0.3 meq/g

End-capping: Non
pH stability: 1.0 to 7.5

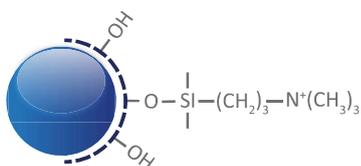
A strong cation exchanger containing sulphonic acids for purifying weakly basic molecules having one or more positive charges.

Ion exchange puriFlash® SCX

Flash columns	50 µm	Qty
F0004	PF-50SCX-F0004	4 u
F0012	PF-50SCX-F0012	2 u
F0025	PF-50SCX-F0025	1 u
F0040	PF-50SCX-F0040	1 u
F0080	PF-50SCX-F0080	1 u
F0120	PF-50SCX-F0120	1 u
F0220	PF-50SCX-F0220	1 u
F0330	PF-50SCX-F0330	1 u
F0800	PF-50SCX-F0800	1 u
F1600	PF-50SCX-F1600	1 u

APPLICATION AREA

HPLC
Prep-LC
Flash



puriFlash® SAX

60 Å - 500 m²/g
50 µm

Strong ion exchange - SAX
0.3 meq/g

End-capping: Non
pH stability: 1.0 to 7.5

A strong anion exchanger containing quaternary amines for purifying weakly acid molecules having one or more negative charges, nucleotides, nucleosides, organic acids, etc.

puriFlash® SAX

Flash columns	50 µm	Qty
F0004	PF-50SAX-F0004	4 u
F0012	PF-50SAX-F0012	2 u
F0025	PF-50SAX-F0025	1 u
F0040	PF-50SAX-F0040	1 u
F0080	PF-50SAX-F0080	1 u
F0120	PF-50SAX-F0120	1 u
F0220	PF-50SAX-F0220	1 u
F0330	PF-50SAX-F0330	1 u
F0800	PF-50SAX-F0800	1 u
F1600	PF-50SAX-F1600	1 u

APPLICATION AREA

HPLC
Prep-LC
Flash

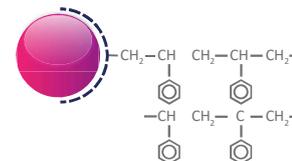


puriFlash® X (Pure PSDVB)

Flash columns	40 µm	Qty
F0004	PF-X-F0004	4 u
F0012	PF-X-F0012	2 u
F0025	PF-X-F0025	1 u
F0040	PF-X-F0040	1 u
F0080	PF-X-F0080	1 u
F0120	PF-X-F0120	1 u
F0220	PF-X-F0220	1 u
F0330	PF-X-F0330	1 u
F0800	PF-X-F0800	1 u
F1600	PF-X-F1600	1 u

APPLICATION AREA

HPLC
PrepLC
Flash



Ultra-Pur PSDVB (Atoll X)

100 Å - 800 m²/g
40 µm

pH stability: 1.0 to 13.0

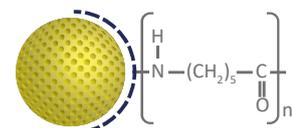
A Universal polymer with a large specific surface for the purification of medium and non-polar compounds with Mw < 5 KD under pH conditions from 1 to 13.

puriFlash® P6 (Polyamide 6)

Flash columns	100 µm	Qty
F0004	PF-100P6-F0004	4 u
F0012	PF-100P6-F0012	2 u
F0025	PF-100P6-F0025	2 u
F0040	PF-100P6-F0040	2 u
F0080	PF-100P6-F0080	1 u
F0120	PF-100P6-F0120	1 u
F0220	PF-100P6-F0220	1 u
F0330	PF-100P6-F0330	1 u
F0800	PF-100P6-F0800	1 u
F1600	PF-100P6-F1600	1 u

APPLICATION AREA

HPLC
PrepLC
Flash



Polyamide 6

60 Å - 100 µm

pH stability: n.c.

Selective towards flavones, anthraquinones, aromatic compounds, Nitrates, phenols, sulfonic acids and carboxylic acids, amines, amides, etc...

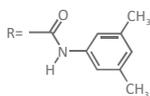
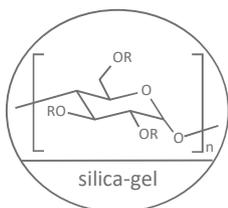
Carbon

puriFlash® CARBON ACTIVE

Flash columns	420 / 840 µm	Qty
F0004	PF-AC-F0004	16 u
F0012	PF-AC-F0012	8 u
F0025	PF-AC-F0025	8 u
F0040	PF-AC-F0040	8 u
F0080	PF-AC-F0080	4 u
F0120	PF-AC-F0120	4 u
F0220	PF-AC-F0220	4 u
F0330	PF-AC-F0330	2 u
F0800	PF-AC-F0800	1 u
F1600	PF-AC-F1600	1 u

APPLICATION AREA

HPLC
PrepLC
Flash



IA chiral

20 μ m

Amylose tris-(3,5-dimethylphenyl carbamate)
Immobilized on silica gel

Chiral compounds in normal and reverse phase
such as Bupivacaine, Indapamide, suprofen...

puriFlash® Chiral IA

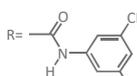
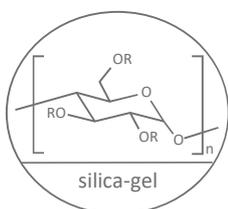
Flash columns	20 μ m	Qty
F0004	CT-20IA-F0004	1 u
F0012	CT-20IA-F0012	1 u
F0025	CT-20IA-F0025	1 u
F0040	CT-20IA-F0040	1 u
F0080	CT-20IA-F0080	1 u
F0120	CT-20IA-F0120	1 u
F0220	CT-20IA-F0220	1 u

APPLICATION AREA

HPLC

PrepLC

Flash



IC chiral

20 μ m

Cellulose tris-(3,5-dichlorophenyl carbamate)
Immobilized on silica gel

Chiral compounds in normal and inverse phase,
such as Econazole, Indoprofen, 5-Fluoro-1
(tetrahydro-2-furyl) uracil, etc.

puriFlash® Chiral IC

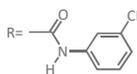
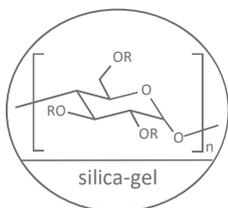
Flash columns	20 μ m	Qty
F0004	CT-20IC-F0004	1 u
F0012	CT-20IC-F0012	1 u
F0025	CT-20IC-F0025	1 u
F0040	CT-20IC-F0040	1 u

APPLICATION AREA

HPLC

PrepLC

Flash



ID chiral

20 μ m

Amylose tris-(3-Chlorophenyl carbamate)
Immobilized on silica gel

Chiral compounds in normal and reverse phase
such as (±)-Hydrobenzoin, Sulconazole,
Tropic acid...

puriFlash® Chiral ID

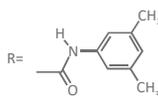
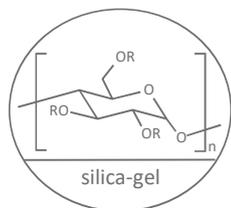
Flash columns	20 μ m	Qty
F0004	CT-20ID-F0004	1 u
F0012	CT-20ID-F0012	1 u
F0025	CT-20ID-F0025	1 u
F0040	CT-20ID-F0040	1 u

APPLICATION AREA

HPLC

PrepLC

Flash



OD-I chiral

20 μ m

Cellulose tris-(3,5 dimethylphenyl carbamate)
Immobilized on silica gel

Chiral compounds in normal and reverse phase such
as 2-Bromomethyl-1,4-benzodioxane, pindolol,
Troger's Base, etc.

puriFlash® Chiral OD-I

Flash columns	20 μ m	Qty
F0004	CT-20OD-F0004	1 u
F0012	CT-20OD-F0012	1 u
F0025	CT-20OD-F0025	1 u
F0040	CT-20OD-F0040	1 u

APPLICATION AREA

HPLC

PrepLC

Flash

