

Advion Interchim Scientific Flash Prep silica type HP

Advion Interchim Scientific offers a range of silicas specially dedicated to preparative and flash purification. The puriFlash® silicas are available in several particle sizes ranging from 5 µm to 50 µm. While maintaining the same chemistry, direct scale-up from an analytical column to preparative and flash formats are possible.



PURIFLASH® SI-HP

Type: Spherical Silica
 Porosity: 60 Å
 Surface: 500 m²/g
 Bonding: Silica, grade HP
 pH stability: 1.5 to 6.5
 Applications: non-ionic molecules and polar organic molecules.
 High efficiency.

PURIFLASH® C18-HP

Type: Spherical Silica
 Porosity: 100 Å
 Surface: 300 m²/g
 Bonding: C18 - octadecyl mono-fonctionnel
 %C: 16.5 %
 End-capping: One-step
 pH stability: 1.5 to 7.5
 Applications: Pharmaceutical
 Excellent choice for routine reverse phase purifications.

Particle size: 5 µm

P/N /100 g	PF-5SIHP-100G
P/N /500 g	PF-5SIHP-500G
P/N /1 kg	PF-5SIHP-1KG
P/N /5 kg	PF-5SIHP-5KG

Particle size: 10 µm

P/N /100 g	PF-10SIHP-100G
P/N /500 g	PF-10SIHP-500G
P/N /1 kg	PF-10SIHP-1KG
P/N /5 kg	PF-10SIHP-5KG

Particle size: 15 µm

P/N /100 g	PF-15SIHP-100G
P/N /500 g	PF-15SIHP-500G
P/N /1 kg	PF-15SIHP-1KG
P/N /5 kg	PF-15SIHP-5KG

Particle size: 30 µm

P/N /100 g	PF-30SIHP-100G
P/N /500 g	PF-30SIHP-500G
P/N /1 kg	PF-30SIHP-1KG
P/N /5 kg	PF-30SIHP-5KG

Particle size: 50 µm

P/N /100 g	PF-50SIHP-100G
P/N /500 g	PF-50SIHP-500G
P/N /1 kg	PF-50SIHP-1KG
P/N /5 kg	PF-50SIHP-5KG
P/N /25 kg	PF-50SIHP-25KG

Particle size: 5 µm

P/N /100 g	PF-5C18HP-100G
P/N /500 g	PF-5C18HP-500G
P/N /1 kg	PF-5C18HP-1KG

Particle size: 10 µm

P/N /100 g	PF-10C18HP-100G
P/N /500 g	PF-10C18HP-500G
P/N /1 kg	PF-10C18HP-1KG

Particle size: 15 µm

P/N /100 g	PF-15C18HP-100G
P/N /500 g	PF-15C18HP-500G
P/N /1 kg	PF-15C18HP-1KG
P/N /5 kg	PF-15C18HP-5KG

Particle size: 30 µm

P/N /100 g	PF-30C18HP-100G
P/N /500 g	PF-30C18HP-500G
P/N /1 kg	PF-30C18HP-1KG
P/N /5 kg	PF-30C18HP-5KG

Particle size: 50 µm

P/N /100 g	PF-50C18HP-100G
P/N /500 g	PF-50C18HP-500G
P/N /1 kg	PF-50C18HP-1KG
P/N /5 kg	PF-50C18HP-5KG



Advion Interchim Scientific Flash Prep silica C18-HQ/NH2/DIOL

PURIFLASH® C18-HQ

Type: Spherical Silica
Porosity: 100 Å
Surface: 300 m²/g
Bonding: C18 - octadecyl monofunctional
%C: 14.0%
End-capping: Mixte
pH stability: 2.0 to 7.5
Applications: The bonding chemistry makes possible to start the gradient at a 100% of water. Suitable for the separation and purification of moderately polar and non-polar molecules.

PURIFLASH® NH2

Type: Spherical Silica
Porosity: 100 Å
Surface: 300 m²/g
Bonding: NH2 - amino monofunctional
%C: 4.0%
End-capping: One-step
pH stability: 2.0 to 6.5
Applications: Can be both a weak anion exchanger for strong acids or a polar phase that can interact with the OH, NH, SH...functions.

PURIFLASH® DIOL

Type: Spherical Silica
Porosity: 60 Å
Surface: 500 m²/g
Bonding: Diol mono-functional
End-capping: none
pH stability: 1.5 to 6.5
Applications: The Diol function imparts a globally neutral surface to the silica. It allows a better separation of basic molecules in normal phase.

Particle size: 5 µm

P/N /100 g	PF-5C18AQ-100G
P/N /500 g	PF-5C18AQ-500G
P/N /1 kg	PF-5C18AQ-1KG

Particle size: 10 µm

P/N /100 g	PF-10C18AQ-100G
P/N /500 g	PF-10C18AQ-500G
P/N /1 kg	PF-10C18AQ-1KG

Particle size: 15 µm

P/N /100 g	PF-15C18AQ-100G
P/N /500 g	PF-15C18AQ-500G
P/N /1 kg	PF-15C18AQ-1KG

Particle size: 30 µm

P/N /100 g	PF-30C18AQ-100G
P/N /500 g	PF-30C18AQ-500G
P/N /1 kg	PF-30C18AQ-1KG
P/N /5 kg	PF-30C18AQ-5KG

Particle size: 5 µm

P/N /100 g	PF-5NH2-100G
P/N /500 g	PF-5NH2-500G
P/N /1 kg	PF-5NH2-1KG

Particle size: 10 µm

P/N /100 g	PF-10NH2-100G
P/N /500 g	PF-10NH2-500G
P/N /1 kg	PF-10NH2-1KG

Particle size: 15 µm

P/N /100 g	PF-15NH2-100G
P/N /500 g	PF-15NH2-500G
P/N /1 kg	PF-15NH2-1KG
P/N /5 kg	PF-15NH2-5KG

Particle size: 30 µm

P/N /100 g	PF-30NH2-100G
P/N /500 g	PF-30NH2-500G
P/N /1 kg	PF-30NH2-1KG
P/N /5 kg	PF-30NH2-5KG

Particle size: 50 µm

P/N /100 g	PF-50NH2-100G
P/N /500 g	PF-50NH2-500G
P/N /1 kg	PF-50NH2-1KG
P/N /5 kg	PF-50NH2-5KG

Particle size: 5 µm

P/N /100 g	PF-5OH-100G
P/N /500 g	PF-5OH-500G
P/N /1 kg	PF-5OH-1KG

Particle size: 10 µm

P/N /100 g	PF-10OH-100G
P/N /500 g	PF-10OH-500G
P/N /1 kg	PF-10OH-1KG

Particle size: 15 µm

P/N /100 g	PF-15OH-100G
P/N /500 g	PF-15OH-500G
P/N /1 kg	PF-15OH-1KG

Particle size: 30 µm

P/N /100 g	PF-30OH-100G
P/N /500 g	PF-30OH-500G
P/N /1 kg	PF-30OH-1KG
P/N /5 kg	PF-30OH-5KG

Particle size: 50 µm

P/N /100 g	PF-50OH-100G
P/N /500 g	PF-50OH-500G
P/N /1 kg	PF-50OH-1KG
P/N /5 kg	PF-50OH-5KG





Advion Interchim Scientific Flash Prep silica type HC

puriflash® HC silica has an extremely high specific surface area which allows for maximum loading capacity.

PURIFLASH® SI-HC

Type: Spherical Silica
 Porosity: 60 Å
 Surface: 680 m²/g
 Bonding: Silica, grade HC
 pH stability: 1.5 - 6.5
 Applications: Non-ionic molecules and polar organic molecules.
 Better loading capacity & productivity.

PURIFLASH® NH2-HC

Type: Spherical Silica
 Porosity: 60 Å
 Surface: 680 m²/g
 Bonding: NH₂ - amino poly-functional
 %C: 4.0 %
 End-capping: none
 pH stability: 1.5 to 6.5
 Applications: Can be both a weak anion exchanger for strong acids or a polar phase that can interact with the OH, NH, SH...functions.

Particle size: 15 µm

P/N /100 g	PF-15SIHC-100G
P/N /500 g	PF-15SIHC-500G
P/N /1 kg	PF-15SIHC-1KG
P/N /5 kg	PF-15SIHC-5KG

Particle size: 25 µm

P/N /100 g	PF-25SIHC-100G
P/N /500 g	PF-25SIHC-500G
P/N /1 kg	PF-25SIHC-1KG
P/N /5 kg	PF-25SIHC-5KG
P/N /25 kg	PF-25SIHC-25KG

Particle size: 50 µm

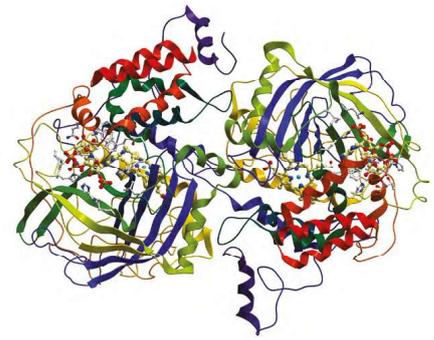
P/N /100 g	PF-50SIHC-100G
P/N /500 g	PF-50SIHC-500G
P/N /1 kg	PF-50SIHC-1KG
P/N /5 kg	PF-50SIHC-5KG
P/N /25 kg	PF-50SIHC-25KG

Particle size: 50 µm

P/N /100g	PF-50NH2HC-100G
P/N /500g	PF-50NH2HC-500G
P/N /1kg	PF-50NH2HC-1KG
P/N /kg	PF-50NH2HC-5KG



Advion Interchim Scientific Flash Prep silicas for biological purification
puriFlash® BIO silicas are specially developed to ensure perfect selectivity with peptides and oligonucleotides. Multiple bonding options are available.



PURIFLASH® BIO 100 C18-N

Type: Spherical Silica
Porosity: 100 Å
Surface: 300 m²/g
Bonding: C18 - octadecyl mono-functional
%C: 15 %
End-capping: none
pH stability: 1.5 to 8.0
Applications: AQ/CQ of peptide synthesis.
Analysis and purification of polar peptides of less than 40 AA up to 5 kD.

PURIFLASH® BIO 200 C18T

Type: Spherical Silica
Porosity: 200 Å
Surface: 200 m²/g
Bonding: C18 - octadecyl polyfunctional
End-capping: none
pH stability: 1.5 to 8.0
Applications: QA/QC of peptide synthesis.
Analysis and purification of peptides of more than 80 AA to 10 kD.

PURIFLASH® 100 C18XS

Type: Spherical Silica
Porosity: 100 Å
Surface: 300 m²/g
Bonding: C18 - octadecyl mono-functional
%C: 17 %
End-capping: none
pH stability: 1.0 to 10.0
Applications: Analysis and purification of peptides mid-polar and apolar peptides of less than 40 AA to 5 kD.

Particle size: 5 µm

P/N /100 g	PFB-5C18N-100G
P/N /500 g	PFB-5C18N-500G
P/N /1 kg	PFB-5C18N-1KG

Particle size: 10 µm

P/N /100 g	PFB-10C18N-100G
P/N /500 g	PFB-10C18N-500G
P/N /1 kg	PFB-10C18N-1KG

Particle size: 15 µm

P/N /100 g	PFB-15C18N-100G
P/N /500 g	PFB-15C18N-500G
P/N /1 kg	PFB-15C18N-1KG

Particle size: 30 µm

P/N /100 g	PFB-30C18N-100G
P/N /500 g	PFB-30C18N-500G
P/N /1 kg	PFB-30C18N-1KG
P/N /5 kg	PFB-30C18N-5KG

Particle size: 5 µm

P/N /100 g	PT-5C18T-100G
P/N /500 g	PT-5C18T-500G
P/N /1 kg	PT-5C18T-1KG

Particle size: 10 µm

P/N /100 g	PT-10C18T-100G
P/N /500 g	PT-10C18T-500G
P/N /1 kg	PT-10C18T-1KG

Particle size: 15 µm

P/N /100 g	PT-15C18T-100G
P/N /500 g	PT-15C18T-500G
P/N /1 kg	PT-15C18T-1KG

Particle size: 30 µm

P/N /100 g	PT-30C18T-100G
P/N /500 g	PT-30C18T-500G
P/N /1 kg	PT-30C18T-1KG
P/N /5 kg	PT-30C18T-5KG

Particle size: 5 µm

P/N /100 g	PFB-5C18XS-100G
P/N /500 g	PFB-5C18XS-500G
P/N /1 kg	PFB-5C18XS-1KG

Particle size: 10 µm

P/N /100 g	PFB-10C18XS-100G
P/N /500 g	PFB-10C18XS-500G
P/N /1 kg	PFB-10C18XS-1KG

Particle size: 15 µm

P/N /100g	PFB-15C18XS-100G
P/N /500g	PFB-15C18XS-500G
P/N /1kg	PFB-15C18XS-1KG

Particle size: 30 µm

P/N /100 g	PFB-30C18XS-100G
P/N /500 g	PFB-30C18XS-500G
P/N /1 kg	PFB-30C18XS-1KG
P/N /5 kg	PFB-30C18XS-5KG

