

M.S.GEL™

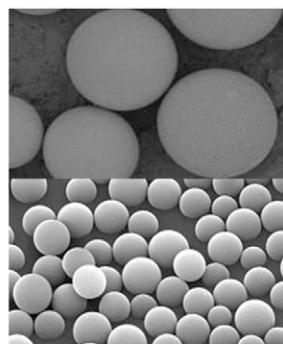
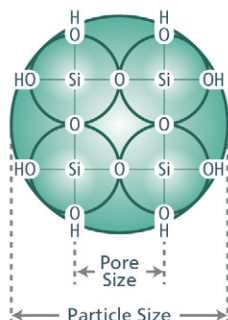
AGC

Silica Gel for HPLC Chromatography

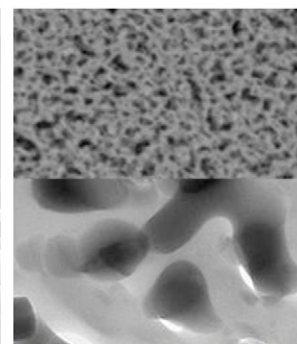
AGC offers a broad range of silica gel based packing materials allowing you to select the most suitable grade and product for your application

Features

- Perfect spherical shape allows for low back pressure and good separation
- Wide range of particle size offerings (1.6 ~ 200µm)
- Narrow particle size distribution
- Specific surface area ranging from 30 to 900 m²/g
- Pore size range (60 ~ 1500Å)
- High purity (99.9 to 99.99%)
- Safe, amorphous type silica



Spherical particles
(1.6 ~ 200µm)



Controlled pore
size (60 ~ 1500Å)

Applications

HPLC Chromatography

- An analytical method, applied in various fields, used to separate, identify, and quantify each component in a mixture
- Column bulk development is key technology in chromatography
- AGC offers many types of M.S.GEL as column bulk materials

Medical & Pharmaceutical

- Antibody purification
- Insulin purification
- CoQ10 separation
- Hemo-diafiltration

Industrial

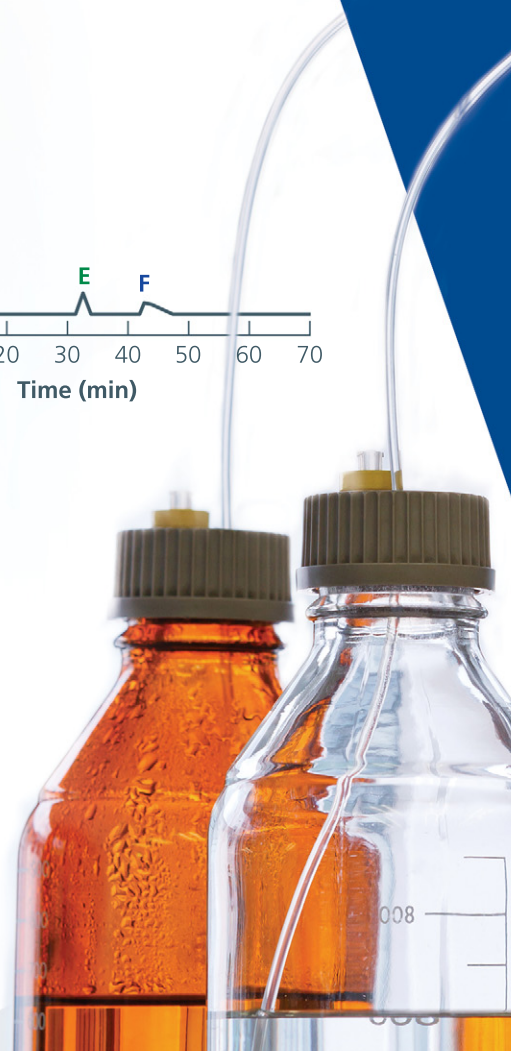
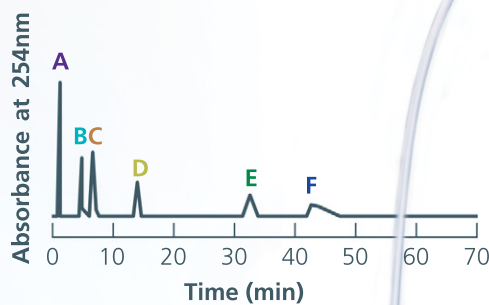
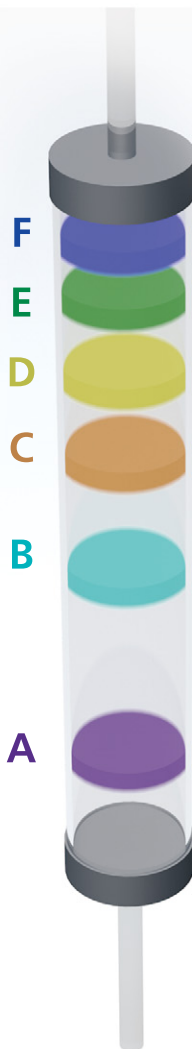
- Liquid crystal purification
- Metal scavenger

Food & Beverage

- Residual pesticide analysis
- Material analysis

Environment Research

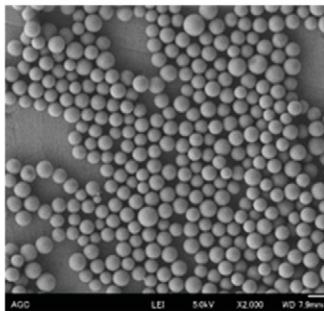
- Water quality
- Soil
- Atmosphere



M.S. Gel Product Line Up

EP-DF Grades

Particle size: 1.6 ~ 5µm



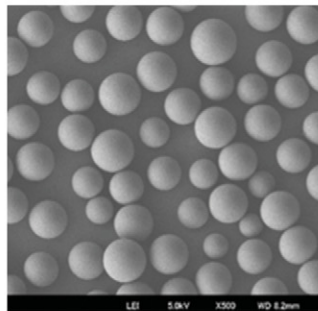
Application:

Analytical chromatography
Preparative chromatography

Surface area: 30 ~ 800 m²/g
Pore size diameter: 60 ~ 1000Å
SiO₂ (99.99%): > 99.9%

EP-DM Grades

Particle size: 7 ~ 50µm



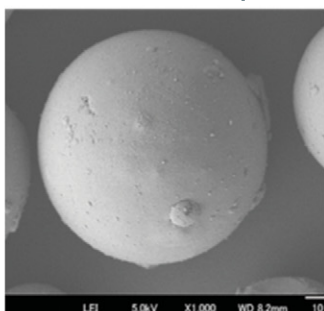
Application:

Preparative chromatography
Purification chromatography

Surface area: 30 ~ 800 m²/g
Pore size diameter: 60 ~ 1000Å
SiO₂ (99.99%): > 99.9%

D Grades

Particle size: 50 ~ 200µm



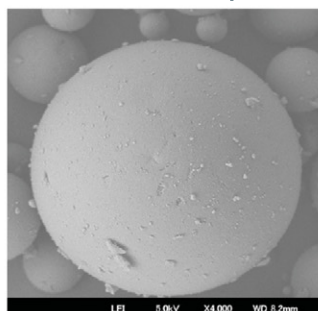
Application:

Purification chromatography
Flash chromatography

Surface area: 30 ~ 800 m²/g
Pore size diameter: 60 ~ 1000Å
SiO₂ (99.99%): > 99.9%

FC Grades

Particle size: 15 ~ 60µm



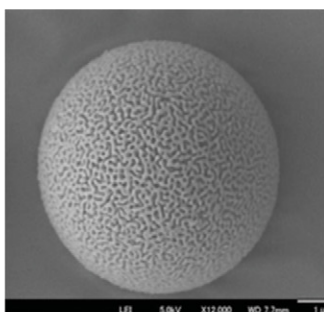
Application:

Flash chromatography

Surface area: 450 ~ 700 m²/g
SiO₂ (99.99%): > 99.9%

Wide Pore Size Products

Pore size: 700Å ~ 1500Å

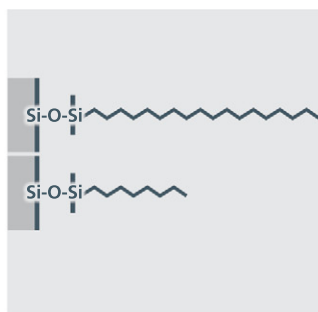


Application:

Large molecular size analysis and purification (biopolymer, glycoprotein, chiral separation column products, bio sensor, bio reactor, and enzyme or DNA carrier)

Wide pore process available for most particle sizes.

Chemical Modified



Application:

Reversed phase chromatography;
Other specific chromatography

All M.S. GEL are available with bonded functional groups (such as C18, C8, C4, Phenyl, CM, SP, AP, NH₂, Diol and ion exchange)

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Visit our website for compliance information and industry certifications.

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