



# Whatman® Purasil™ 60Å Silica Gel

Precise separation of target molecules in flash chromatography.

Whatman Purasil™ 60Å Silica Gel is a high-purity gel that provides an outstanding separation medium for flash chromatography. With its high resolution and excellent flow rates, Purasil makes purification of target molecules exacting and efficient. Even the smallest molecules (less than 2,000 MW) can easily be separated, and Purasil is available in a wide range of mesh sizes to accommodate any separation need. Additionally, its narrow particle size distribution allows for more direct scalability than other bulk silica media. When it comes to flash chromatography, no silica gel provides a better medium than Whatman Purasil.

## Features and Benefits

- **High resolution** Gel is ultra-pure to guarantee uniformity and reproducibility.
- **Minimal fines** With no impediments to flow, separations occur quickly with no loss of chromatographic performance.
- **Wide range of mesh sizes** Range of 38–210 mm allows for excellent flow rates.
- **Direct scalability** Narrow particle size distribution eliminates any guesswork in scaling separation.

## Applications

- Small molecule purification (less than 2,000 MW)
  - lipids
  - polymers
  - nucleotides
  - peptides
- Flash or general column chromatography
- Can be used as a reagent for QC lab methodologies



Whatman®

## TYPICAL DATA

Iron Content	< 0.02%
Chloride Content	< 0.10%
Loss on Drying	< 7%
pH (10% suspension)	7 ± .05
Pore Volume	60–80 mL/g
Surface Area	500–600 m <sup>2</sup> /g

## WHATMAN CATALOG ORDERING INFORMATION

Whatman Catalog Number	Product	Dimensions
4745-010	230–400 mesh (38–63 mm)	1 kg
4745-250	230–400 mesh (38–63 mm)	25 kg
4746-010	70–230 mesh (63–210 mm)	1 kg
4746-250	70–230 mesh (63–210 mm)	25 kg



## Whatman Quality

Whatman is a global leader in separations technology and is known in the scientific community for providing innovative Life Science products and solutions. Our instinct for simplification accelerates the rate of discovery, reduces costs and saves time. For more information, visit [www.whatman.com](http://www.whatman.com).

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