



**Elegance**  
Life Sciences Pvt. Ltd.

Scientific Solutions  
Technology Partner

# ElenertSep FLASH COLUMN



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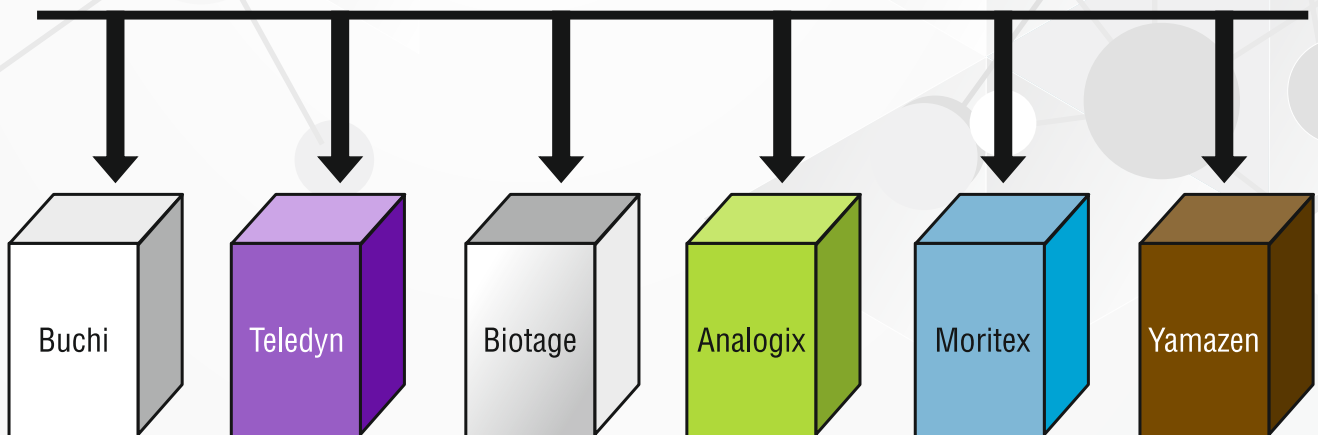


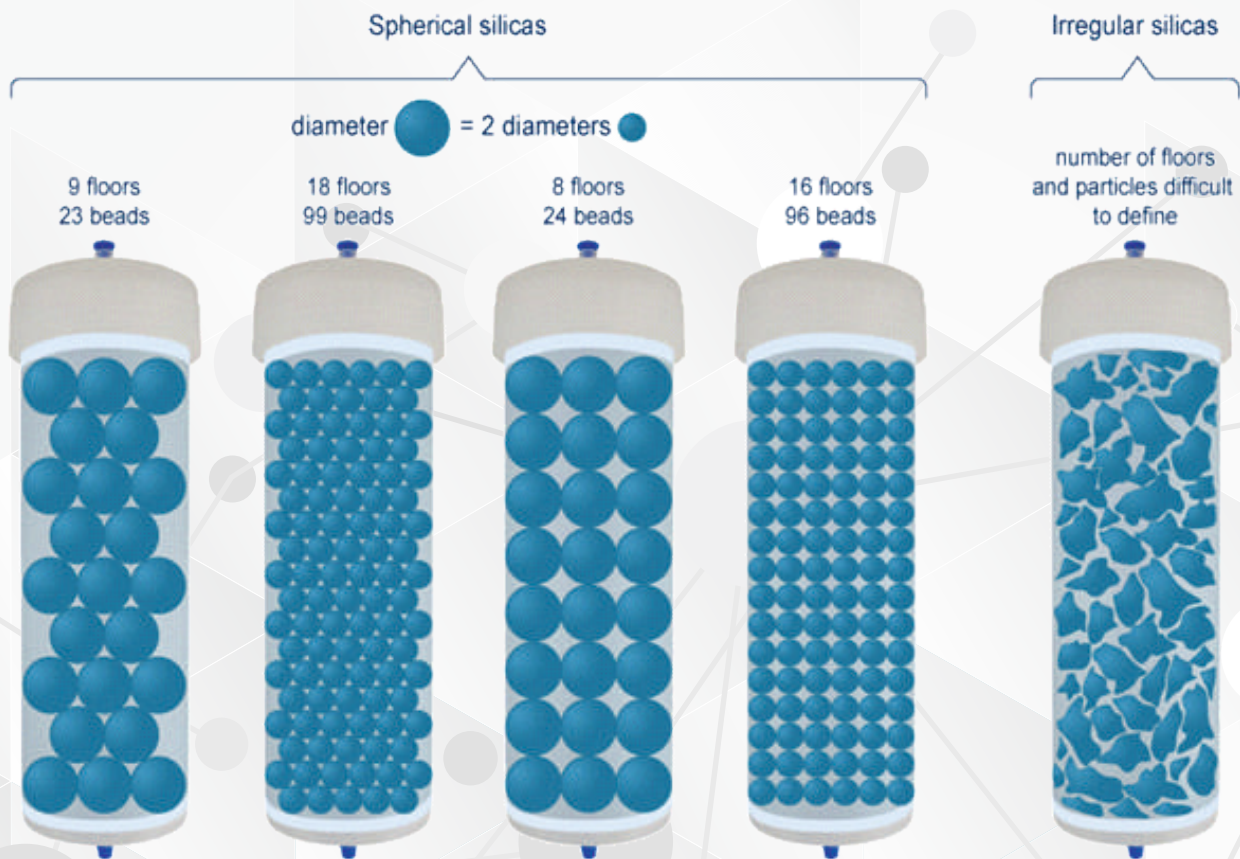
[www.elegancels.com](http://www.elegancels.com)

## Product features

- ➔ Made with ultra-pure silica
- ➔ Rapid and efficient technique for purification
- ➔ Product design by Advance technology for hassle-free Utilization
- ➔ Make the product very rugged no any chances to leakage
- ➔ We used the material pharmaceutical grade prevent to contamination
- ➔ Neutral pH, water activity and controlled water content for silica
- ➔ Tight particle size distribution avoids leaching or channelling, no tailing

**100 % compatibility with  
all flash chromatography**





### The benefit of *spherical* Silica Gel

Consistency reliability, reproducibility; No contamination, Superior separation; Symmetrical peaks with no tailing; Greater loading capacity

### The benefit of *irregular* Silica Gel

Cost efficient material; Irregular particle shape with smooth ledges; Very narrow particle size distribution; 40-63 μm and 25-40 μm.

Available Size in Pre-Packed Cartridges	Available Size in Empty Cartridges	Phase Available in Bulk Media
4g, 12g, 25g, 40g, 80g, 120g, 220g, 330g, 800, 1600g, 3000g	4g, 12g, 25g, 40g, 80g, 120g, 220g, 330g	Silica, C18, C8, AQ(C18 and C8), C4, Cyno, Diol, Phenyl, ARG, Phenyl-Hexyl, Amine, SAX, SCX, Neutral, Basic, Acidic Alumina ** (above phase are available in almost all particle

\* Subject to availability in Spherical and Irregular type

\*\* Kindly enquire with us for the available particle sizes in different phases.





# Flash column Sorbent selection guide

Purification based on the Characteristics of the sample

	STATIONARY PHASE
Charged	C18, C8, C4
Acid sensitive	Cyno, Diol, Natural Alumina
Acid properties	Silica gel, C18, C8, C4, acidic alumina, SAX, Cyno, neutral Alumina
Basic properties	C18, C8, C4, silica, Amine, Basic Alumina, SCX, Cyno, Neutral
High polarity	C18, C8, C4, Cyno
Low or medium polarity	Silica Gel, Diol, Neutral Alumina, C18, C8, C4

## Suggestion of ElenertSep Flash Column

- ➔ ElenertSep silica Flash column is disposable and for single use. but with proper handling. These cartridges can be reused without sacrificing performance. For multiple usage simply air dry the flash column using compressed air and store the column in a sealed bag.
- ➔ The technique used for solid sample loading to load sample to be purifies onto a column most of in case of low-solubility samples.
- ➔ For Accurate analysis by flash column, please use the eluent which have been filtered through a 0.45um filter membrane to remove any impurities.



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