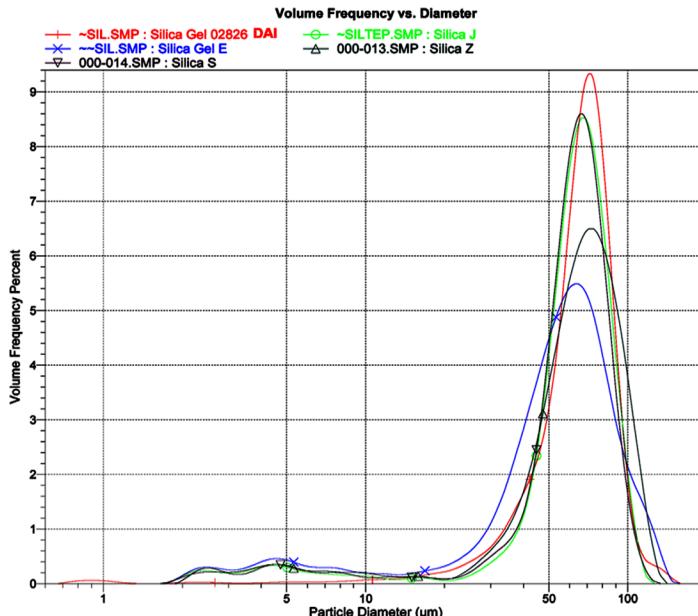




## DynaFLASH™ Cartridge Family Products

DAI's Aluminas and Silicas for chromatography have contributed to the continued use of this material because of our **standardization in the manufacturing process**, and our ability to achieve **lot to lot reproducibility**. We now offer our **DynaFLASH™** cartridges filled with your choice of Silica, Alumina, or bonded phases both with your choice of pore size and/or particle distribution range. Both our Aluminas and Silicas have virtually no traces of metals contained within, and the particle distribution is kept extremely tight for reproducible results. All cartridges can come with MSDS sheets, as well as Certificates of Analysis if requested.

Graph illustrating the superiority and lower amount of fines of DAI Flash grade silica. In addition, DAI silica has the least amount of metals of all other companies' silica.



**DynaFlash™ Cartridges are compatible with the Isco, Jones, or Biotage Flash Systems**

- Choose from a wide variety of aluminas, silicas, both with a variety of pore sizes, and particle distribution ranges
- Choose normal phase or bonded phases
- Excellent packing and storage qualities
- Leak free
- High recoveries
- Strict quality control
- Clean, pre-packed, disposable polypropylene (or high density Polyethylene) cartridges

For a complete listing of DAI adsorbents and prices, please contact us for a catalog.

# Isco Compatible Cartridges

## Why Dynamic Adsorbents Cartridges?

Dynamic Adsorbents is introducing the **DynaFlash™** family of prepackaged cartridge products in response to the demanding needs of the chromatography community. These products provide a cost effective solution and incorporate superior packing materials in a prepared packaged form. The DynaFlash™ family of cartridges offers precisely what you have come to expect from all **DAI** products – the best silica, the best alumina and the best bonded phase packing material available for academic or industrial usage.

What makes **DAI** packing superior to the competition? Our silica, alumina and bonded phase materials are standardized in the manufacturing process, and thus we can offer to you lot to lot reproducibility. Furthermore, we offer a comprehensive line of pore size and particle distribution for both silica and alumina materials.

**DAI** alumina and silica materials have virtually no traces of metals. Particle distribution is kept extremely tight providing you with reproducible results, both lot to lot and when you need to scale up. When you go with DynaFlash™ you are choosing the top of the line. All cartridges can come with MSDS sheets, as well as Certificates of Analysis if requested.

Independent laboratory analysis has demonstrated the superiority and low amount of fines of **DAI** Flash grade silica compared with major competitors.

**DAI's silica and alumina** have the **least** amount of **metals** compared with all other competitor's products as also determined by an independent laboratory.

### Ordering Information:



MicroSolv Technology Corporation  
1 Industrial Way West, Building E  
Eatontown, NJ 07724 USA  
[info@mtc-usa.com](mailto:info@mtc-usa.com)  
1-732-578-1777  
[www.mtc-usa.com](http://www.mtc-usa.com)



### Silica for FLASH Grade, 60A

#### 230-400 mesh (32-63 micron)

| Cat nos.         | per/box | size |
|------------------|---------|------|
| D1-001-02826-4   | 20/box  | 4g   |
| D1-001-02826-12  | 20/box  | 12g  |
| D1-001-02826-25  | 15/box  | 25g  |
| D1-001-02826-40  | 15/box  | 40g  |
| D1-001-02826-80  | 12/box  | 80g  |
| D1-001-02826-120 | 10/box  | 120g |
| D1-001-02826-330 | 4/box   | 330g |
| D1-001-02826-880 | 4/box   | 880g |

### Alumina Neutral for LC Flash Grade

#### 230-400 mesh (32-63 micron)

| Cat nos.         | per/box | size |
|------------------|---------|------|
| D1-001-02061-8   | 20/box  | 8g   |
| D1-001-02061-24  | 20/box  | 24g  |
| D1-001-02061-48  | 15/box  | 48g  |
| D1-001-02061-80  | 15/box  | 80g  |
| D1-001-02061-160 | 12/box  | 160g |
| D1-001-02061-240 | 10/box  | 240g |
| D1-001-02061-440 | 6/box   | 440g |

### Alumina Basic for LC Flash Grade

#### 230-400 mesh (32-63 micron)

| Cat nos.         | per/box | size |
|------------------|---------|------|
| D1001-02262-8    | 20/box  | 8g   |
| D1001-02262-24   | 20/box  | 24g  |
| D1001-02262-48   | 15/box  | 48g  |
| D1-001-02262-80  | 15/box  | 80g  |
| D1001-02262-160  | 12/box  | 160g |
| D1-001-02262-240 | 10/box  | 240g |
| D1-001-02262-440 | 6/box   | 440g |

### Alumina Acid for LC Flash Grade

#### 230-400 mesh (32-63 micron)

| Cat nos.         | per/box | size |
|------------------|---------|------|
| D1001-02064-8    | 20/box  | 8g   |
| D1-001-02064-24  | 20/box  | 24g  |
| D1-001-02064-48  | 15/box  | 48g  |
| D1-001-02064-80  | 15/box  | 80g  |
| D1-001-02064-160 | 12/box  | 160g |
| D1-001-02064-240 | 10/box  | 240g |
| D1-001-02064-440 | 6/box   | 440g |