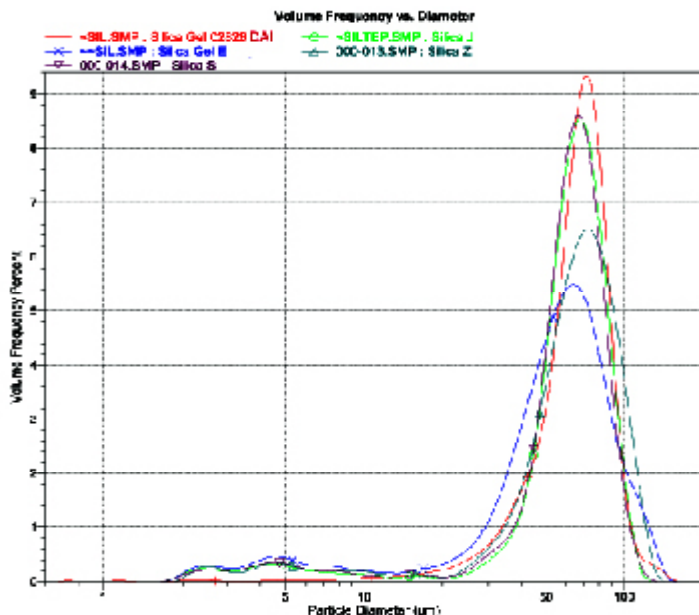




DynaFLASH™ Cartridge Family Products

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 and Alumina.



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 silica has the **least** amount of **metals** compared with all other competitor's products



Silica for FLASH Grade, 60A

230-400 mesh (32-63 micron)

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



Isco Compatible Cartridges

Silica for FLASH Grade, 60A

230-400 mesh (32-63 micron)

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

Alumina Neutral for LC Flash Grade

230-400 mesh (32-63 micron)

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

Alumina Basic for LC Flash Grade

230-400 mesh (32-63 micron)

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

Alumina Acid for LC Flash Grade

230-400 mesh (32-63 micron)

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

Biotage Compatible Cartridges



Silica for FLASH Grade, 60A

230-400 mesh (32-63 micron)

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

Alumina Neutral for LC Flash Grade

230-400 mesh (32-63 micron)

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

Alumina Basic for LC Flash Grade

230-400 mesh (32-63 micron)

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

Alumina Acid for LC Flash Grade

230-400 mesh (32-63 micron)

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

Isco Compatible Cartridges Group

Biotage Compatible Cartridges Group



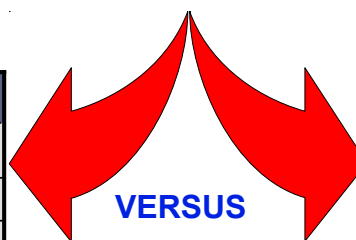
Please inquire for new bonded phase cartridges for Isco, Biotage, and Jones Instruments

DAI's Alumina Superior in Selectivity and Versatility

Adsorbents of Interest

Superior Adsorption

Alumina	
30 Parameters for Selectivity	
A.	3 pH ranges: acid, basic, and neutral
B.	2 surfaces areas for standard Chromatography ...Alumina: 150 m ² /gm and 200 m ² /gm
C.	5 Brockman activity ranges: I, II, III, IV, V



Standard Adsorption

Silica Gel	
Parameters for Selectivity	
A.	pH ranges 6.5 to 7.5 Limited range
B.	2 Brockman activity ranges: I and II



Ordering Information:

01182009